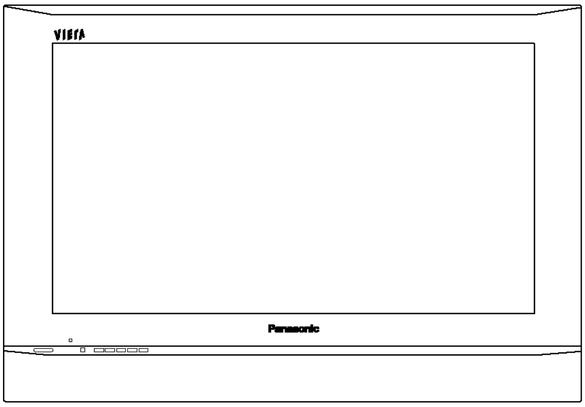
ORDER NO.ITD0506034CE

Service Manual

Progressive Plasma Television



TH-42PA50A
TH-42PA50H
TH-42PA50M
TH-37PA50H
TH-37PA50M

GP8DA Chassis

Specifications

Power Source	AC 220-240 V, 50 / 60 Hz
Power Consumption	Average use : 245 W (37-inch)
	Average use : 315 W (42-inch)
	Standby condition : 0.3 W (37-inch)
	Standby condition : 0.3 W (42-inch)
Plasma Display panel	
Drive method	AC type
Aspect Ratio	16:9
Contrast Ratio	4000:1
Screen size (No.of pixels)	818 mm (W) × 461 mm (H) × 939 mm (diagonal) (37-inch)
	920 mm (W) × 518 mm (H) × 1,056 mm (diagonal) (42-inch)
	408,960 (852 (W) × 480 (H)) [2,556 × 480 dots]
Sound	
Speaker	12 cm × 6 cm × 2 pcs, 6 Ω
Audio Output	16 W (8 W + 8 W), 10% THD
Applicable signals	
Colour System	NTSC, PAL, PAL60, SECAM, Modified NTSC
Scanning format	480i(60Hz), 480p(60Hz), 576i(50Hz), 576p(50Hz), 720p(50Hz), 720p(60Hz), 1080i(50Hz), 1080i(60Hz), 1152i(50Hz) (42PA50A)

Receiving Systems / Band name (PA50H/M)

21 Systems		Function
1	PAL B, G, H	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders
2	PAL I	
3	PAL D, K	
4	SECAM B, G	
5	SECAM D, K	
6	SECAM K1	
7	NTSCM(NTSC 3.58/4.5 MHz)	

21 Systems		Function
8	NTSC 4.43/5.5 MHz	Playback from Special VCR's or DVD
9	NTSC 4.43/6.0 MHz	
10	NTSC 4.43/6.5 MHz	
11	NTSC 3.58/5.5 MHz	
12	NTSC 3.58/6.0 MHz	
13	NTSC 3.58/6.5 MHz	
14	SECAM I	

21 Systems		Function
15	PAL 60 Hz/5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD
16	PAL 60 Hz/6.0 MHz	
17	PAL 60 Hz/6.5 MHz	
18	SECAM 60 Hz/5.5 MHz	
19	SECAM 60 Hz/6.0 MHz	
20	SECAM 60 Hz/6.5 MHz	
21	NTSC 50 Hz/4.5 MHz	

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Receiving Systems / Band name (PA50A)

1. PAL B/G	Reception of Off air broadcasts
2. NTSC 4.43 3. NTSC 3.58 4. PAL 60Hz	Playback from Video Tape Recorders Playback from Special Video Tape Recorders and Special Video Disc Players (Via the AV Sockets)only.

Receiving Channels (PA50H/M)	Regular TV		
	VHF BAND	**UHF BAND**	**CATV**
	2-12 (PAL/SECAM B, K1)	21-69 (PAL G, H, I/SECAM G, K, K1)	S1-S20 (OSCAR)
	0-12 (PAL B AUST.)	28-69 (PAL B AUST.)	1-125 (USA CATV)
	1-9 (PAL B N.Z.)	13-57 (PAL D, K)	C13-C49 (JAPAN)
	1-12 (PAL/SECAM D)	13-62 (NTSC M Japan)	S21-S41 (HYPER)
	1-12 (NTSC M Japan)	14-69 (NTSC M USA)	Z1-Z37 (CHINA)
	2-13 (NTSC M USA)		5A, 9A (AUST.)
Receiving Channels (PA50A)	VHF 0 to 12	PAL B	
	UHF 21 to 69	PAL G	
	S'1 to S'3	HYPER TUNER	
	S1 to S41		(One tuner)
Aerial - Rear	UHF / VHF		
Operating Conditions	Temperature : 0 °C - 40 °C		
	Humidity : 20 % - 80 % RH (non-condensing)		
Connection Terminals			
AV1 Input			
AUDIO L - R	RCA PIN Type × 2	0.5 Vrms	
VIDEO	RCA PIN Type × 1	1.0 Vp-p (75 Ω)	
S VIDEO	MINI DIN 4-pin	Y: 1.0 Vp-p (75 Ω) C: 0.286 Vp-p (75 Ω)	
AV2 Input			
AUDIO L - R	RCA PIN Type × 2	0.5 Vrms	
VIDEO	RCA PIN Type × 1	1.0 Vp-p (75 Ω)	
COMPONENT	Y	1.0 Vp-p (including synchronization)	
	P_B/C_B/, P_R/C_R	±0.35 Vp-p	
AV3 Input			
AUDIO L - R	RCA PIN Type × 2	0.5 Vrms	
VIDEO	RCA PIN Type × 1	1.0 Vp-p (75 Ω)	
COMPONENT	Y	1.0 Vp-p (including synchronization)	
	P_B/C_B/, P_R/C_R	±0.35 Vp-p	
OUTPUT			
AUDIO L - R	RCA PIN Type × 2	0.5 Vrms (high impedance)	
VIDEO	RCA PIN Type × 1	1.0 Vp-p (75 Ω)	
Dimensions (W × H × D)	968 mm × 641 mm × 97 mm (37-inch)		
	1,068 mm × 701 mm × 97 mm (42-inch)		
Weight	29.0 kg Net (37-inch)		
	33.0 kg Net (42-inch)		

Notes:

- Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Applicable signals

Applicable input signal for Component(Y, PB, PR)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	
525(480)/60i	15.73	59.94	
525(480)/60p	31.47	59.94	
625(576)/50i	15.63	50.00	
625(576)/50p	31.25	50.00	
750(720)/50p	37.50	50.00	
750(720)/60p	45.00	60.00	
1125(1080)/50i	28.13	50.00	
1125(1080)/50i	31.25	50.00	(TH-42PA50A ONLY)
1125(1080)/60i	33.75	60.00	

Note: Signals other than above may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.

   When the exposed metal does not have a return path to the chassis, the reading must be ∞.

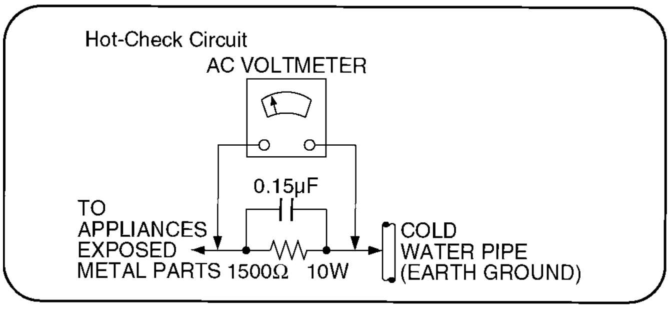

Hot-Check Circuit
AC VOLTMETER
0.15μF
TO APPLIANCES EXPOSED METAL PARTS
1500Ω
10W
COLD WATER PIPE (EARTH GROUND)

Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

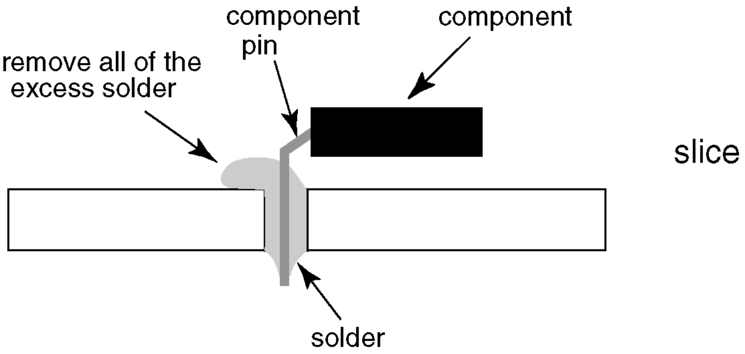
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol PbF stamped on the back of PCB.

Caution

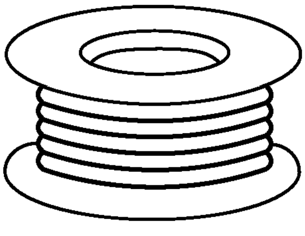
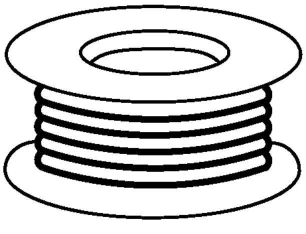
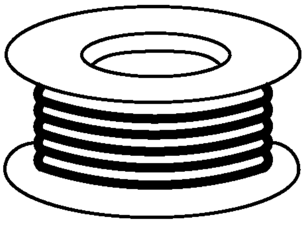
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



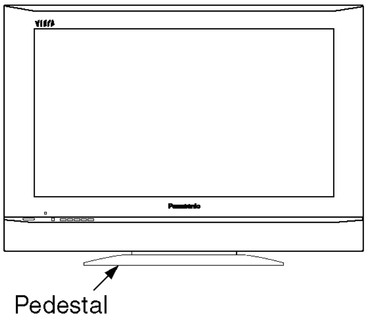
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

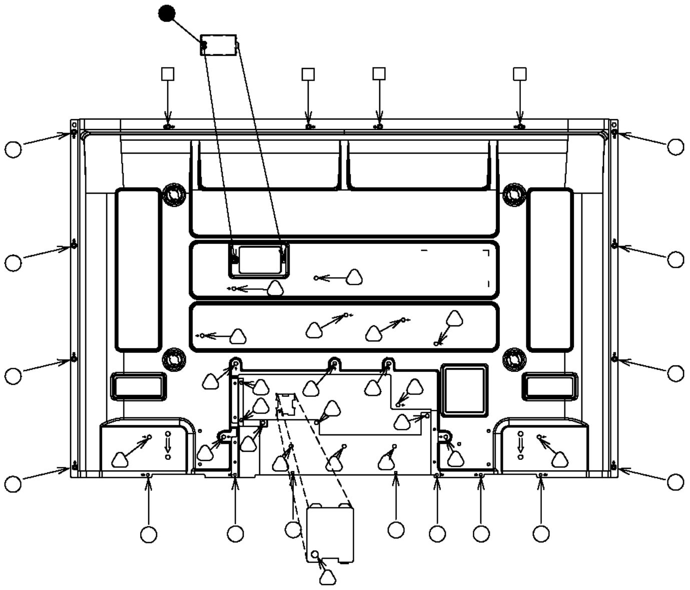
0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5 Service Hint

Stand the Unit used for Pedestal

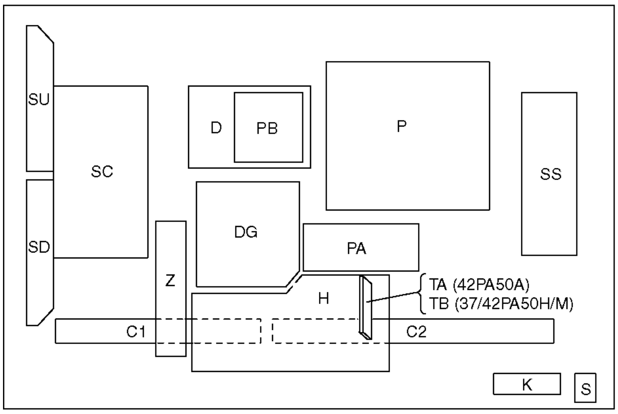


Remove the Back Cover



Remove:
15 screws (○) XTB4+15AFJK
1 screws (●) XTB4+12GFJK
4 screws (□) THEL0439
23 screws (△) THEL0429

Service Position



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Left)
PA	DC-DC Converter, Power SOS	C2	Data Driver (Right)
PB	Audio Power	SC	Scan Drive
H	AV Terminal, AV Switch, MSP	SU	Scan out (Upper)
TA (PA50A)	Tuner	SD	Scan out (Lower)
TB (PA50H/M)	Tuner	SS	Sustain Drive
DG	Digital Signal Processor	K	Remote receiver, Keyscan
Z	Speaker AMP	S	Power Switch
D	Format Converter, Plasma AI Processor		

6 Plasma panel replacement method

6.1. Remove the Back cover.

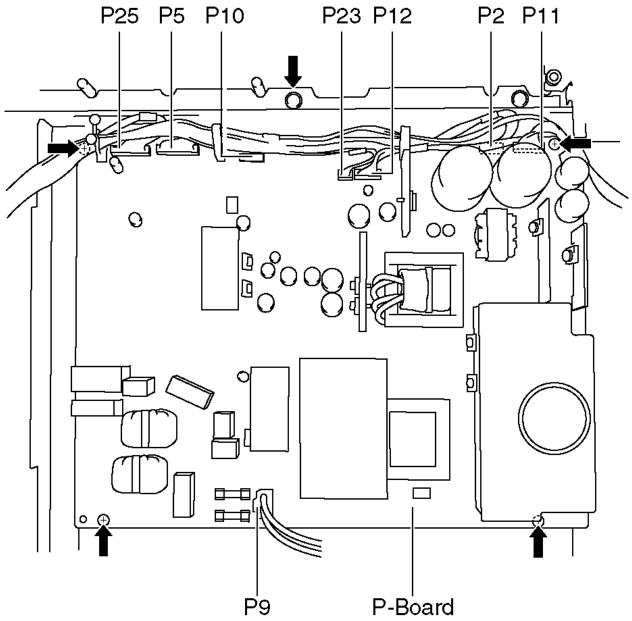
1. See Service Hint (Section 5).

6.2. Remove the P-Board.

Caution:

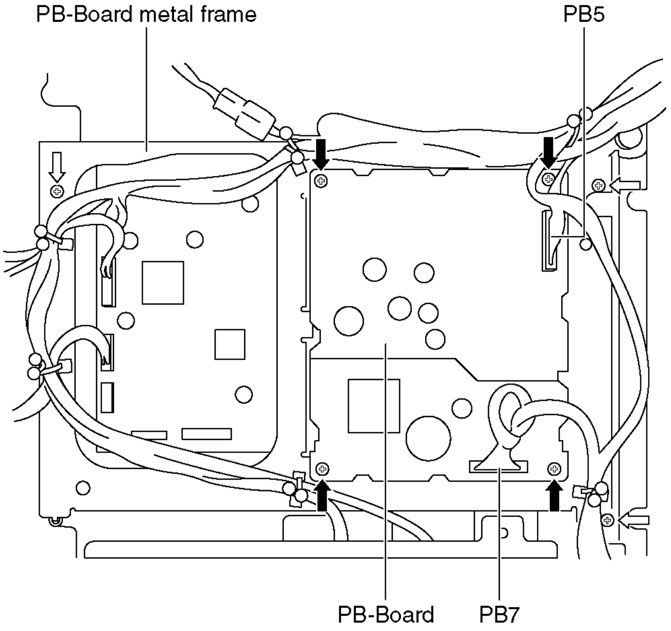
To remove P.C.B., wait 1 minute after power was off for discharge from electrolisis capacitors.

1. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23 and P25).
2. Remove the screws (×5 ➡) and remove the P-Board.


P25
P5
P10
P23
P12
P2
P11
P9
P-Board

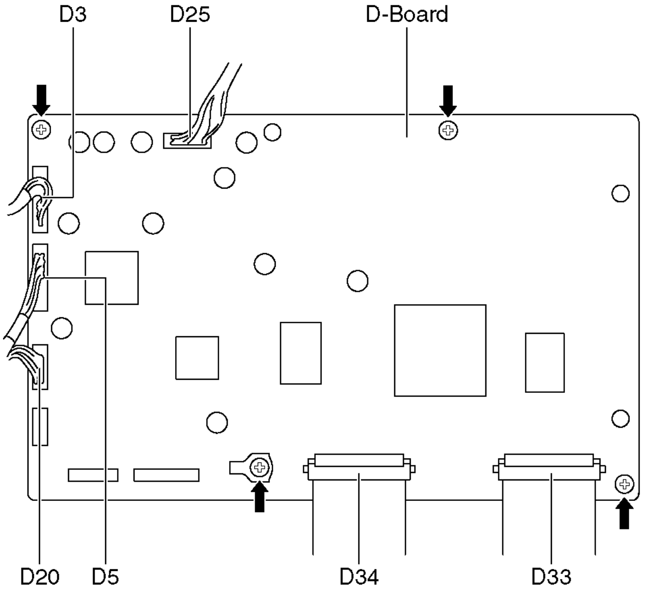
6.3. Remove the PB-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PB5 and PB7).
3. Remove the screws (×3 ⇨) and remove the PB-Board metal frame.
4. Remove the screws (× 4 ➡) and remove the PB-Board.


PB-Board metal frame
PB5
PB-Board
PB7

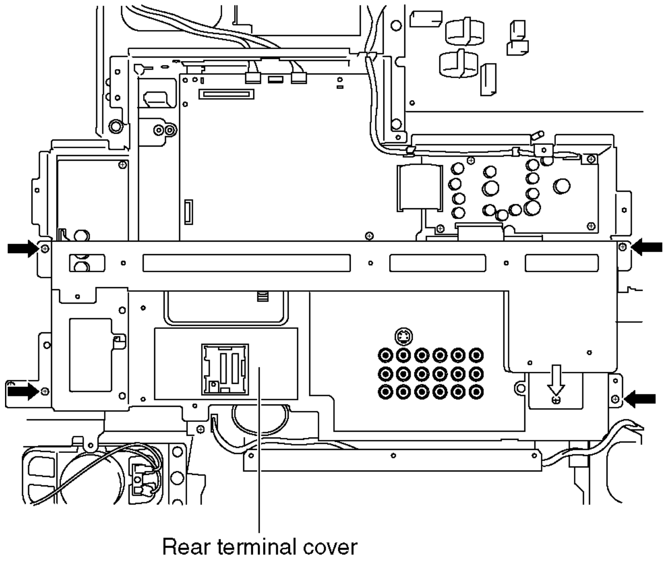
6.4. Remove the D-Board

1. Remove the PB-Board.
2. Disconnect the couplers (D3, D5, D20 and D25) and
3. Disconnect the flexible cables (D33 and D34).
4. Remove the screws (×4 ➡) and remove the D-Board.


D3
D25
D-Board
D20
D5
D34
D33

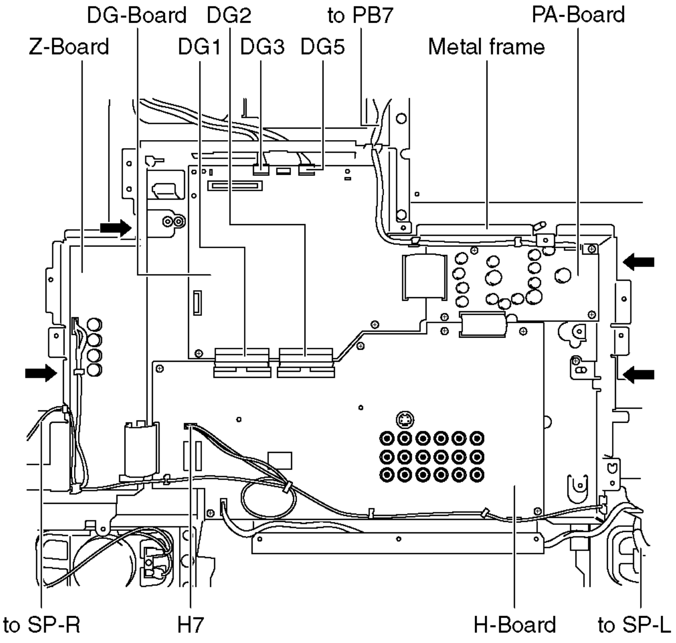
6.5. Remove the rear terminal cover

1. Remove the screws (×4 ➡), and rhe screw (×7 ⇨).
2. Remove the rear terminal cover.


Rear terminal cover

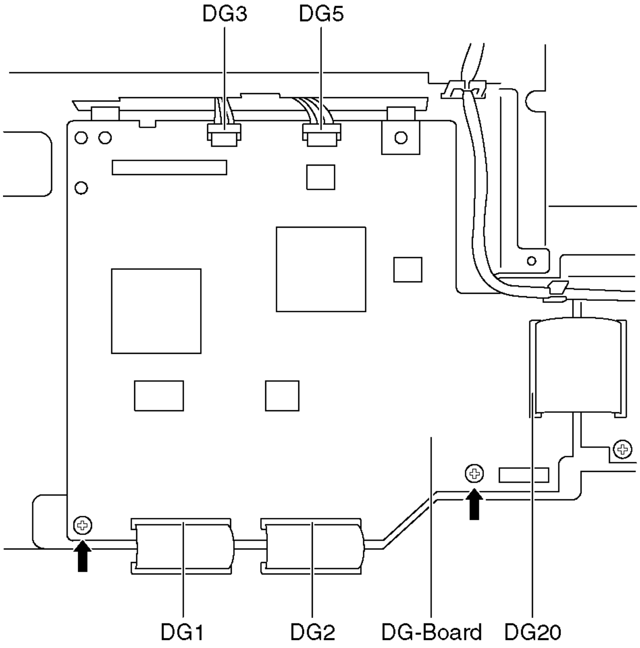
6.6. Remove the metal frame

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (D3, D5, H7, P10 and PB7) and relay connector (SP-R, SP-L).
3. Remove the screws (×4 ➡) remove the metal frame.


DG-Board
DG2
to PB7
PA-Board
Z-Board
DG1
DG3
DG5
Metal frame
to SP-R
H7
H-Board
to SP-L

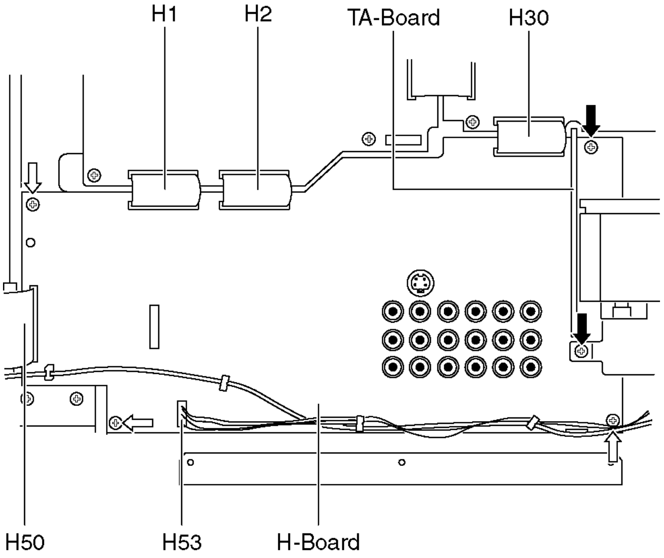
6.7. Remove the DG-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG3 and DG5).
3. Disconnect the flexible cables (DG1, DG2 and DG20).
4. Remove the screws (×2 ➡) and remove the DG-Board.


DG3
DG5
DG1
DG2
DG-Board
DG20

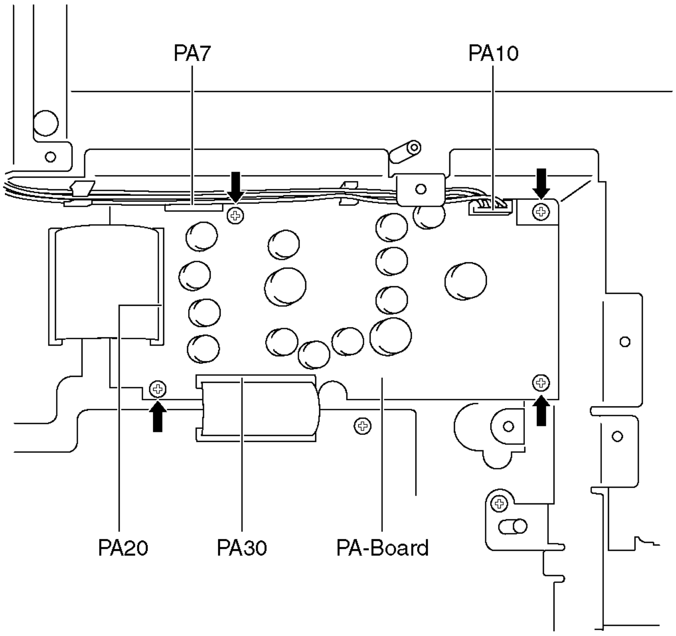
6.8. Remove the H-Board and TA-Board

1. Unlock the cable clampers to free the cable.
2. Remove the screws (×2 ➡) and remove the TA-Board.
3. Disconnect the coupler (H53).
4. Disconnect the flexible ables (H1, H2, H30 and H50).
5. Remove the screws (×3 ⇨) and remove the H-Board.


H1
H2
TA-Board
H30
H50
H53
H-Board

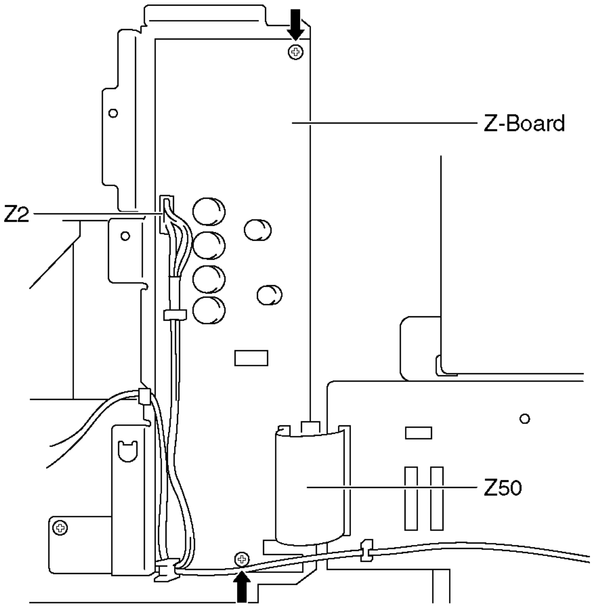
6.9. Remove the PA-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA7 and PA10).
3. Disconnect the flexible cables (PA20 and PA30).
4. Remove the screws (×4 ➡) and remove the PA-Board.


PA7
PA10
PA20
PA30
PA-Board

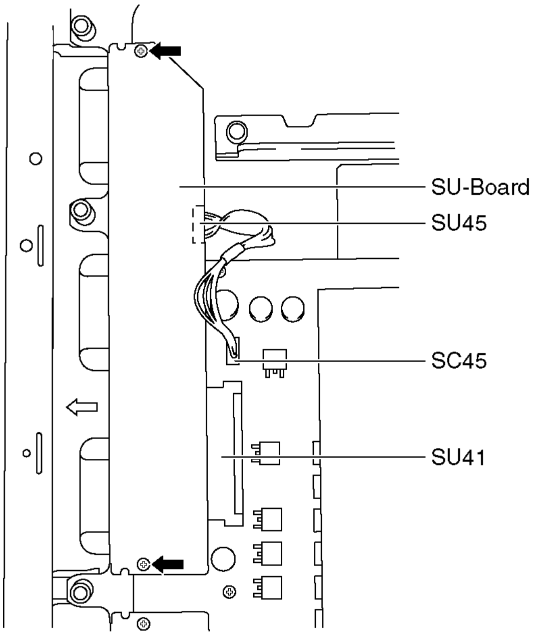
6.10. Remove the Z-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (Z2).
3. Disconnect the flexible cable (Z50).
4. Remove the screws (×2 ➡) and remove the Z-Board.

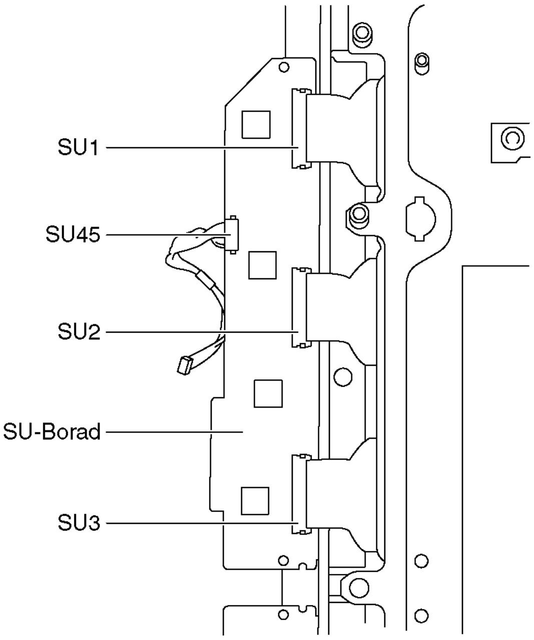

Z-Board
Z2
Z50

6.11. Remove the SU-Board

1. Remove the screws (×2 ➡)
2. Slide the SU-Board to the left to disconnect from a coupler (SC41 - SU41) on the SC-Board and disconnect a coupler (SU45 or SC45).

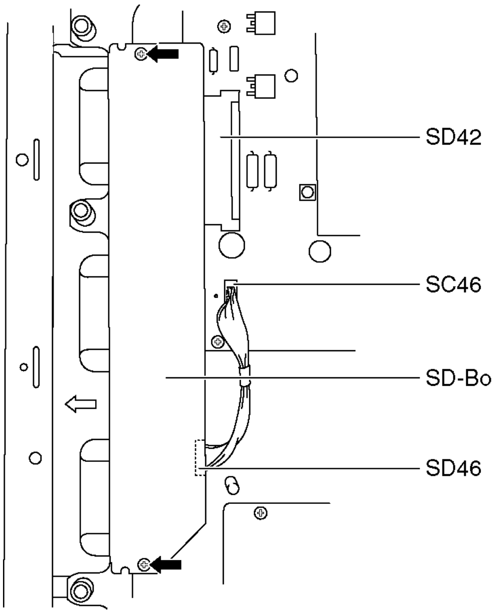

SU-Board
SU45
SC45
SU41

3. Disconnect the flexible cables (SU1, SU2, SU3) connected to the SU-Board, and remove the SU-Board.

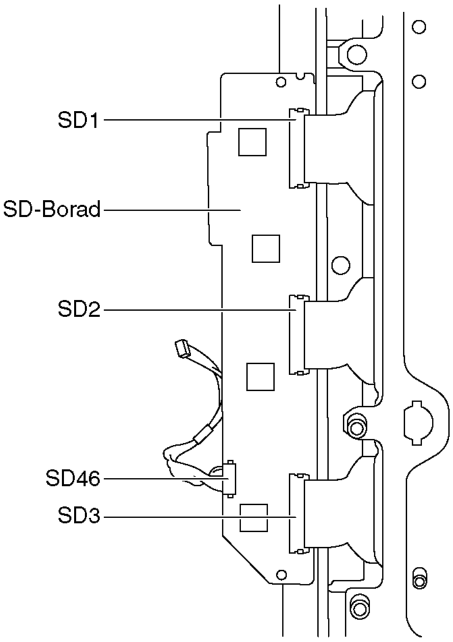

SU1
SU45
SU2
SU-Borad
SU3

6.12. Remove the SD-Board

1. Remove the screws (×2 ➡)
2. Slide the SD-Board to the left to disconnect from a coupler (SC42 - SD42) on the SC-Board and disconnect a coupler (SD46 or SC46).

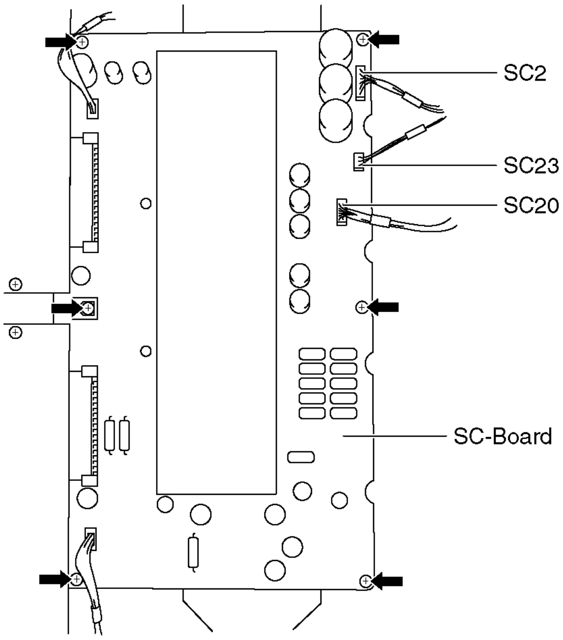

SD42
SC46
SD-Board
SD46

3. Disconnect the flexible cables (SD1, SD2 and SD3) connected to the SU-Board, and remove the SD-Board.


SD1
SD-Borad
SD2
SD46
SD3

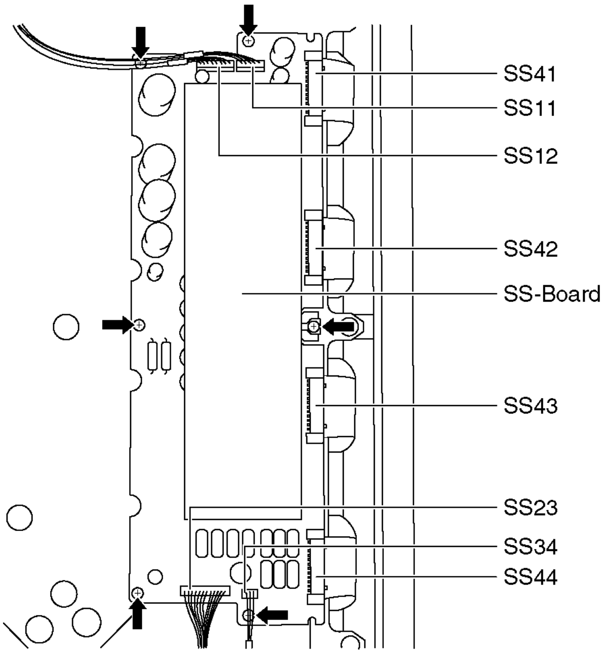
6.13. Remove the SC-Board

1. Disconnect the couplers (SC2, SC20 and SC23).
2. Remove the screws (×6 ➡) and remove the SC-Board.


SC2
SC23
SC20
SC-Board

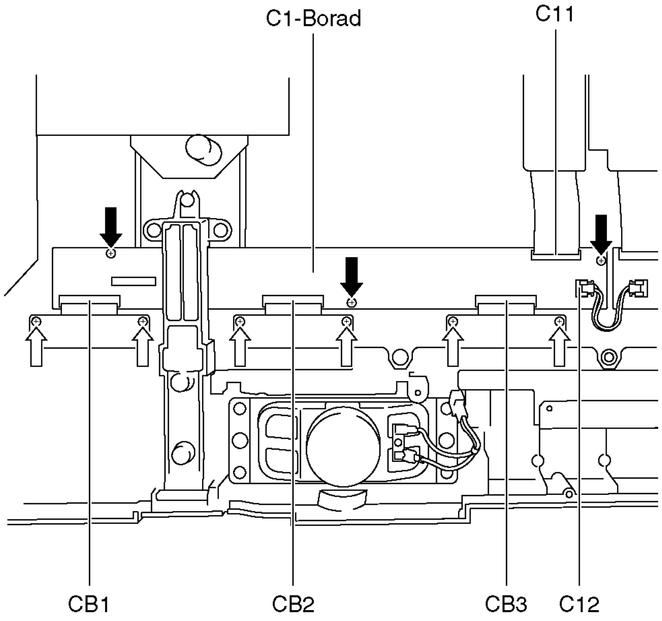
6.14. Remove the SS-Board

1. Disconnect the couplers (SS11, SS12, SS23 and SS34).
2. Disconnect the flexible cables (SS41, SS42, SS43 and SS44).
3. Remove the screws (×6 ➡) and remove the SS-Board.


SS41
SS11
SS12
SS42
SS-Board
SS43
SS23
SS34
SS44

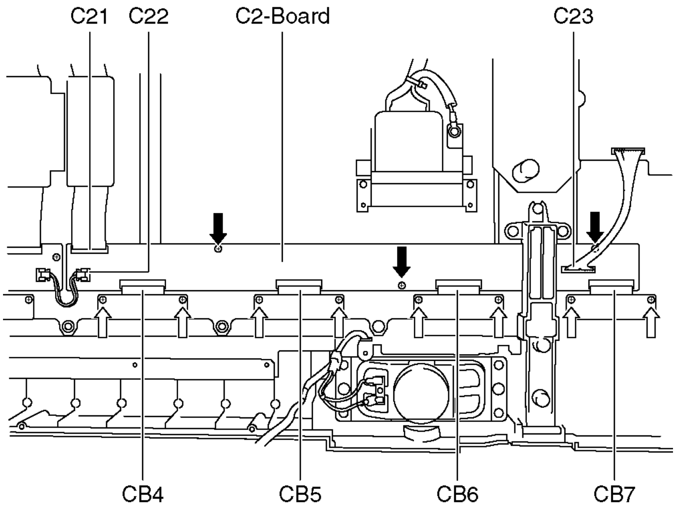
6.15. Remove the C1-Board

1. Remove the flexible cables holder fastening screws (×6 ⇨).
2. Disconnect the flexible cables (CB1, CB2 and CB3).
3. Disconnect the flexible cable (C11).
4. Disconnect the coupler (C12).
5. Remove the screws (×3 ➡) and remove the C1-Board.


C1-Borad
C11
CB1
CB2
CB3
C12

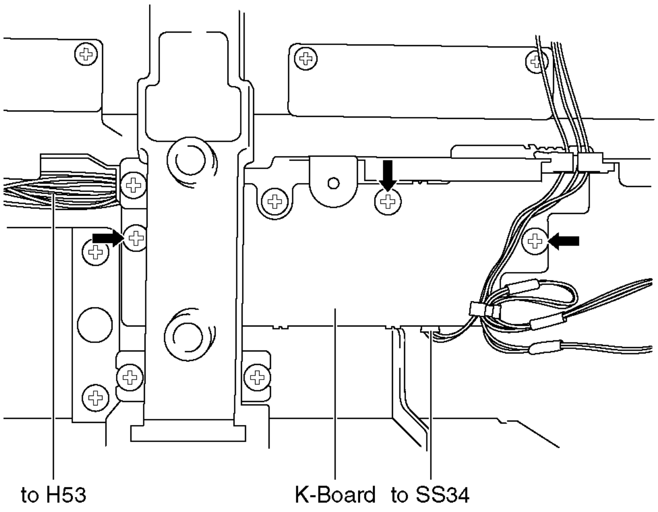
6.16. Remove the C2-Board

1. Remove the flexible cables holder fastening screws (×8 ⇨).
2. Disconnect the flexible cables (CB4, CB5, CB6 and CB7).
3. Disconnect the flexible cable (C21).
4. Disconnect the couplers (C22 and C23).
5. Remove the screws (×3 ➡) and slide the C2-Board to the left and remove the C2-Board.


C21
C22
C2-Board
C23
CB4
CB5
CB6
CB7

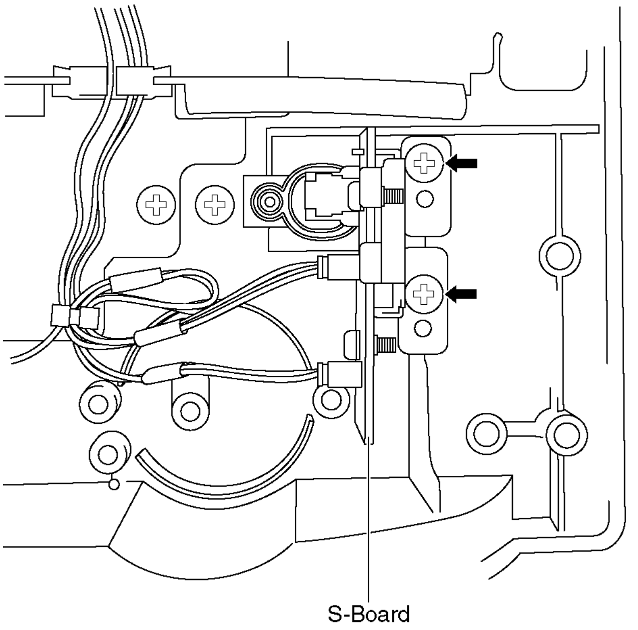
6.17. Remove the K-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (H53 and SS34).
3. Remove the screws (×3 ➡) and remove the K-Board.

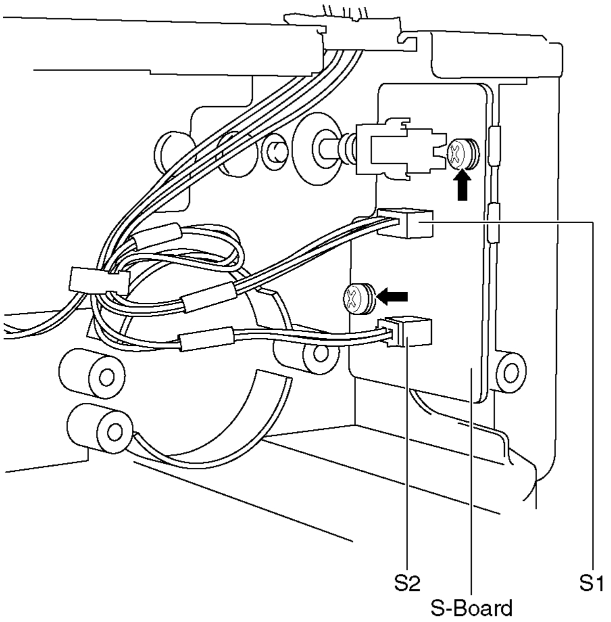

to H53
K-Board
to SS34

6.18. Remove the S-Board

1. Remove the screw (×2 ➡) and remove the S-Board unit.

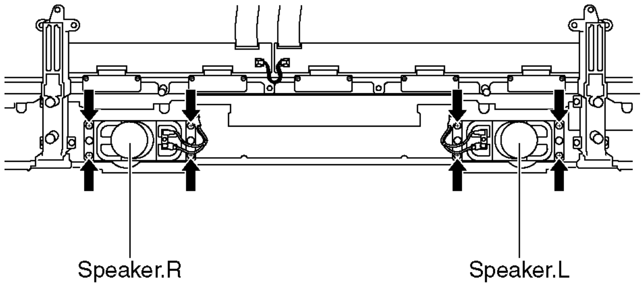


2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (S1 and S2).
4. Remove the screws (×2 ➡) and remove the S-Board.


S2
S-Board
S1

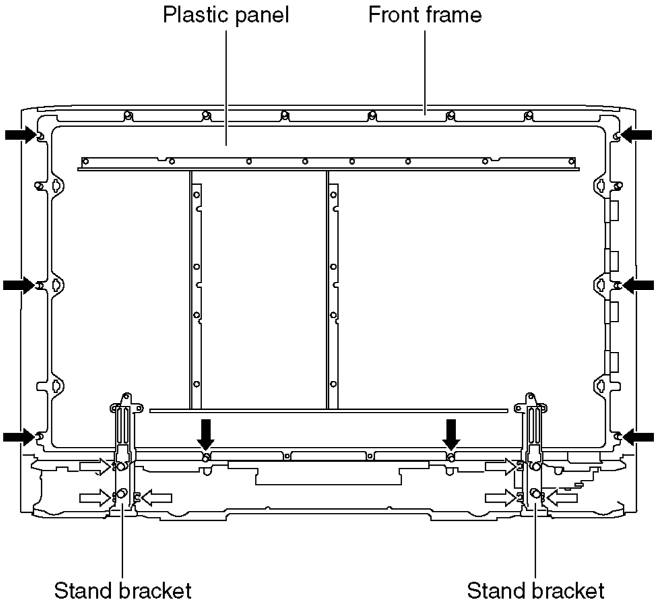
6.19. Remove the Speaker L, R

1. Remove the screw (×8 ➡) and remove the Speaker L, R.

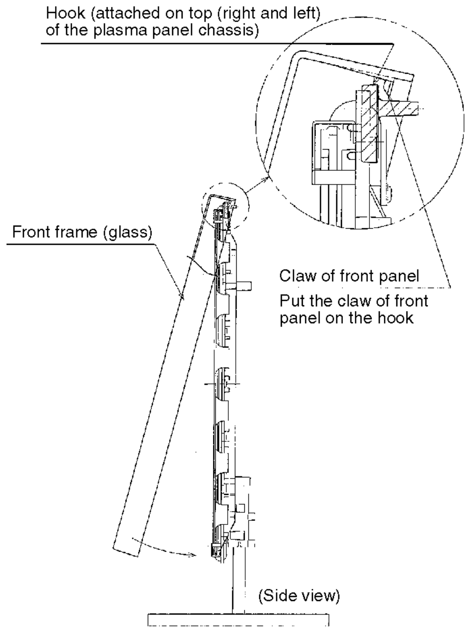

Speaker.R
Speaker.L

6.20. Remove the Plasma panel section from the Front frame (glass)

1. Remove the front frame and the plasma panel fastening screw (×8 ➡).
2. Remove the front frame and the stand brackets fastening screw (×6 ⇨).


Plastic panel
Front frame
Stand bracket
Stand bracket

3. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.


Hook (attached on top (right and left) of the plasma panel chassis)
Front frame (glass)
Claw of front panel
Put the claw of front panel on the hook
(Side view)

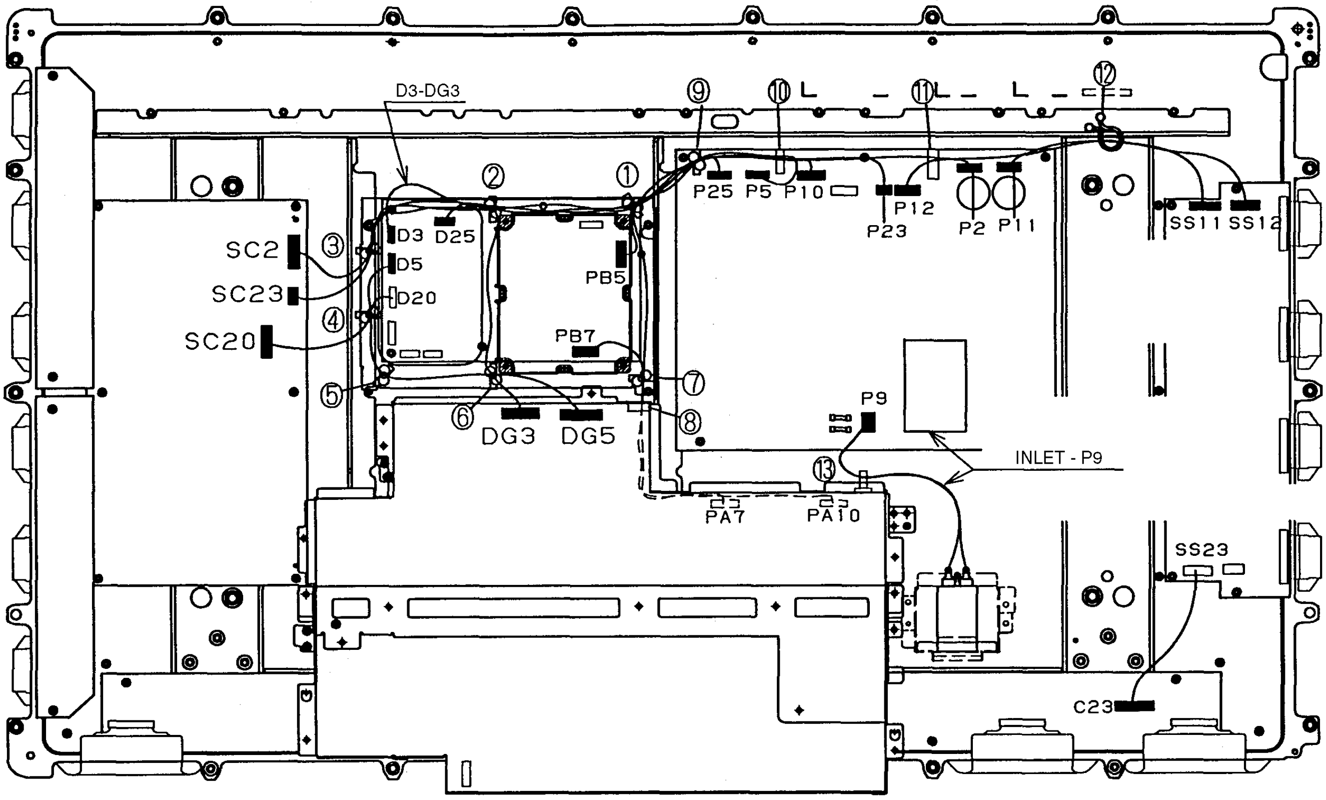
6.21. Replace the plasma panel (finished).

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1-Board and the C2-Board, connect the flexible cables (×7) from the Plasma panel to the C1-Board and C2-Board, and fix the flexible cable holders.
3. Attach the Hooks (left, right) and fit the stand brackets (left, right) to the new plasma panel.
4. Place the plasma panel section on the servicing stand.
5. Attach the front frame and the each P.C.Board and so on, to the new plasma panel.

   *** When fitting the front frame, be careful not to allow any debris, dust or handling residues to remain between the front glass and plasma panel.**

7 Location of Lead Wiring

7.1. Lead of Wiring (1)

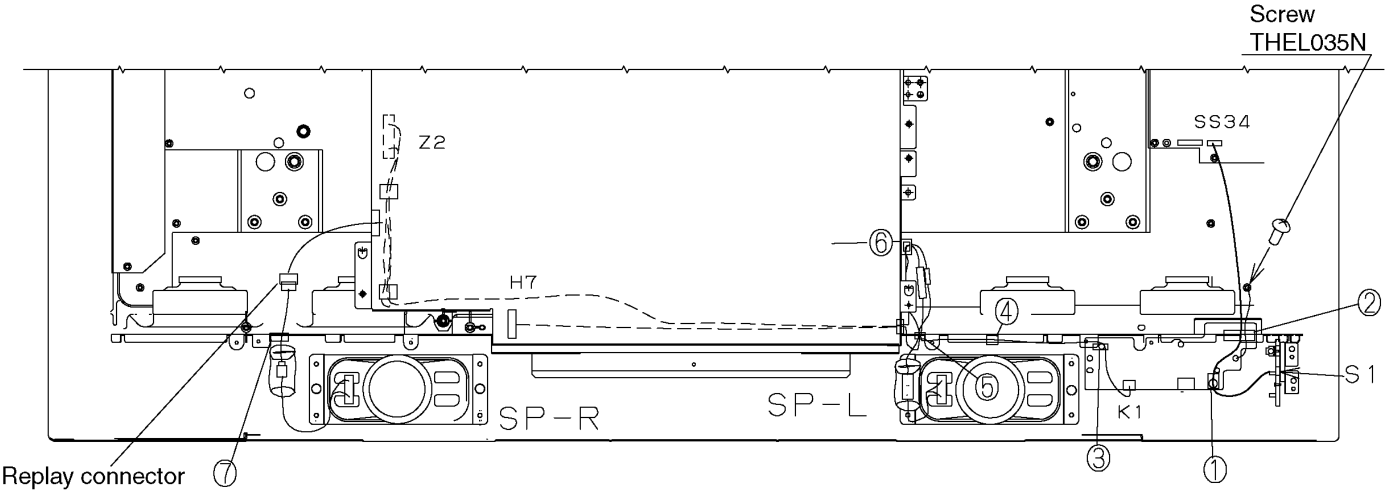

D3-DG3
⑨
⑩
⑪
⑫
②
①
P25
P5
P10
P12
P23
P2
P11
SS11
SS12
SC2
③
D3
D25
D5
SC23
D20
PB5
④
SC20
PB7
⑤
⑦
⑥
DG3
DG5
⑧
P9
INLET - P9
⑬
PA7
PA10
SS23
C23

7.2. Lead of Wiring (2)

CON : No. —— CON : No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬
SC2 —— P2	○	○	○						○	○	○		
SC23 —— P23	○	○	○						○	○			
SC20 —— D20				○									
DG3 —— D3		○				○							
DG5 —— D5				○	○	○							
D25 —— P25	○	○							○				
PB5 —— P5	○								○	○			
PA7 —— PB7							○	○					
PA10 —— P10	○						○	○	○	○			
SS11 —— P11												○	
SS12 —— P12											○	○	
SS23 —— C23													
AC INLET —— P9													○

Connector Connection: P2, P5, P9, P10, P11, P12, P23, P25
D3, D5, D25,
PB7, PB5,
SC2, SC20, SC23,
SS11, SS12,
DG3, DG5,
C23

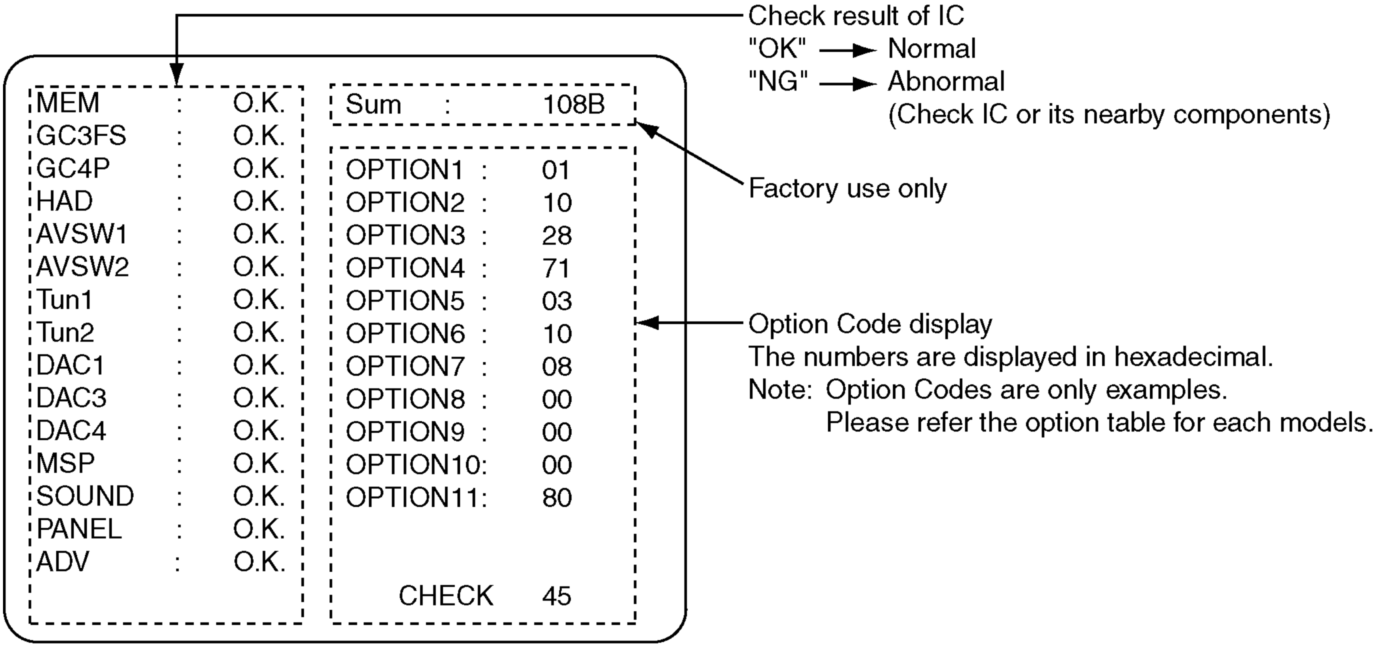
7.3. Lead of Wiring (3)


Screw
THEL035N
SS34
Z2
⑥
H7
④
②
S1
⑤
SP-R
SP-L
K1
③
①
Replay connector
⑦

CON:NO. —— CON:NO.		①	②	③	④	⑤	⑥	⑦	
S1	SS34		○						
K1	H7			○	○	○	○		
SP L	Z2					○	○		
SP R	Z2							○	
K	earth		○						

8 Self Check

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.
2. To get into the Self -Check mode press the Down (–/∨) button on the customer controls at the front of the set, at the same time pressing the Recall button on the remote control, and the screen will show :



```
MEM     :   O.K.     Sum     :     108B
GC3FS   :   O.K.
GC4P    :   O.K.     OPTION1  :    01
HAD     :   O.K.     OPTION2  :    10
AVSW1   :   O.K.     OPTION3  :    28
AVSW2   :   O.K.     OPTION4  :    71
Tun1    :   O.K.     OPTION5  :    03
Tun2    :   O.K.     OPTION6  :    10
DAC1    :   O.K.     OPTION7  :    08
DAC3    :   O.K.     OPTION8  :    00
DAC4    :   O.K.     OPTION9  :    00
MSP     :   O.K.     OPTION10:     00
SOUND   :   O.K.     OPTION11:     80
PANEL   :   O.K.
ADV     :   O.K.
                        CHECK      45
```

Check result of IC
"OK" → Normal
"NG" → Abnormal
(Check IC or its nearby components)

Factory use only

Option Code display
The numbers are displayed in hexadecimal.
Note: Option Codes are only examples.
Please refer the option table for each models.

If the CCU ports have been checked and found to be incorrect or not located then “--” will appear in place of “O.K.”.

Display	Ref.No	Description	P.C.B.
MEM	IC1107	EEPROM	DG-Board
GC3FS	IC4013	Global Core for Sub	DG-Board
GC4P	IC4054	Global Core for Main	DG-Board
HAD	IC4012	OSD RGB A/D	DG-Board
AVSW1	IC2105	Audio SW	H-Board
AVSW2	IC3005	Video SW	H-Board
Tun1	TU001	Tuner	TA/TB-Board
Tun2	TU002	Tuner	TB-Board
DAC1	IC1106	Ext. DAC	DG-Board
DAC3	IC3006	Ext. I/O	H-Board
DAC4	IC4016	Ext. I/O	DG-Board
MSP	IC2106	Multi Sound Processor	H-Board
SOUND	IC2300	Sound Control	Z-Board
PANEL	IC9003	Panel	D-Board
ADV	IC4005	10bit A/D	DG-Board

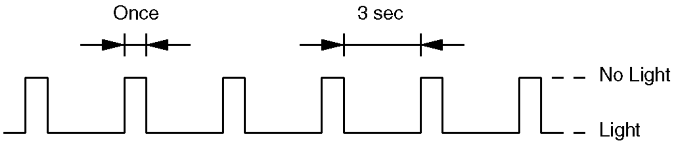
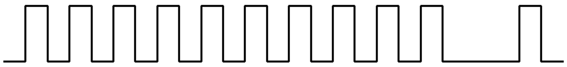
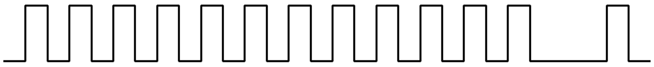
8.1. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.

2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents & Check point
1	 Once 3 sec No Light Light	No particular check point
10		Tuner SOS (No power for tuner)
12		Sound SOS

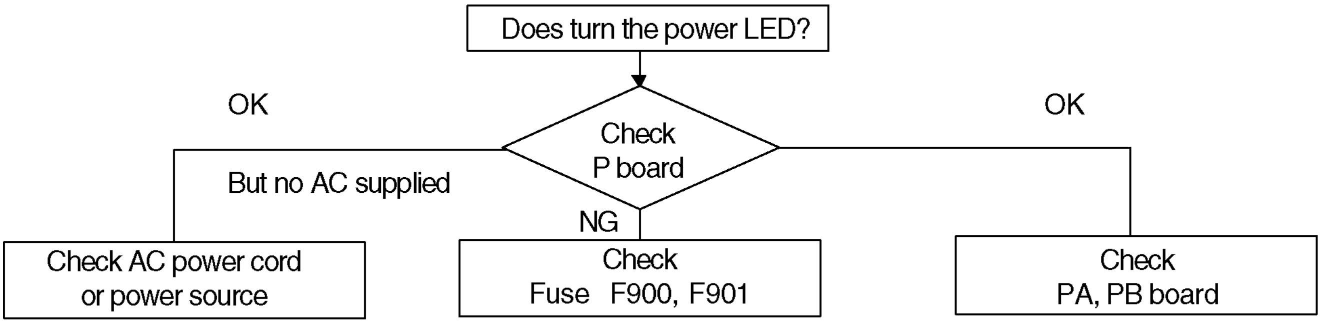
8.2. No Power

First check point

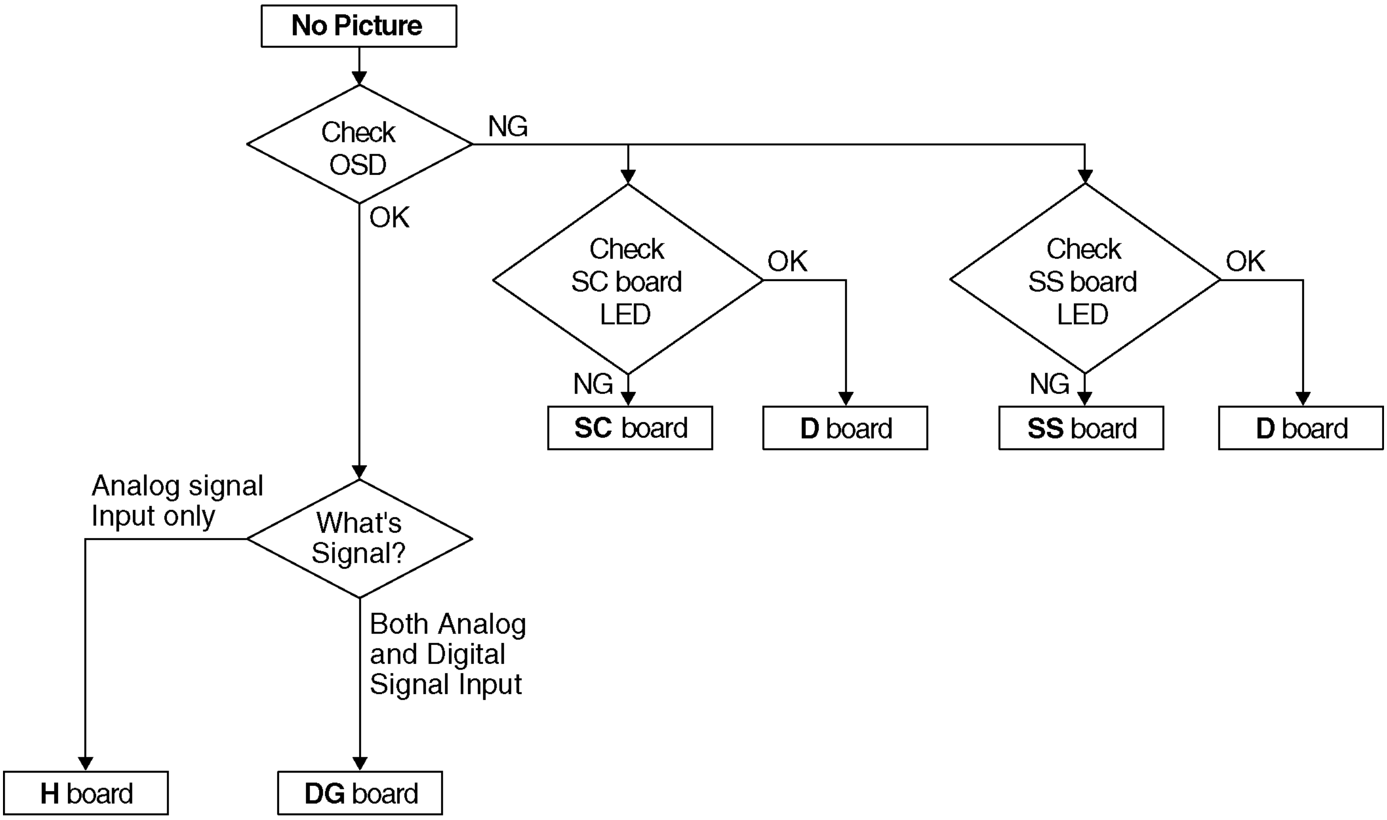
There are following 3 states of No Power indication by power LED.

1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

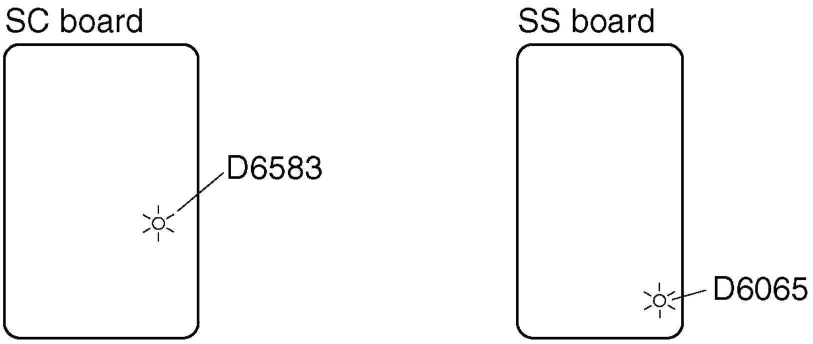
1. No lit


Does turn the power LED?
OK
OK
Check
P board
But no AC supplied
NG
Check AC power cord
or power source
Check
Fuse F900, F901
Check
PA, PB board

8.3. No Picture

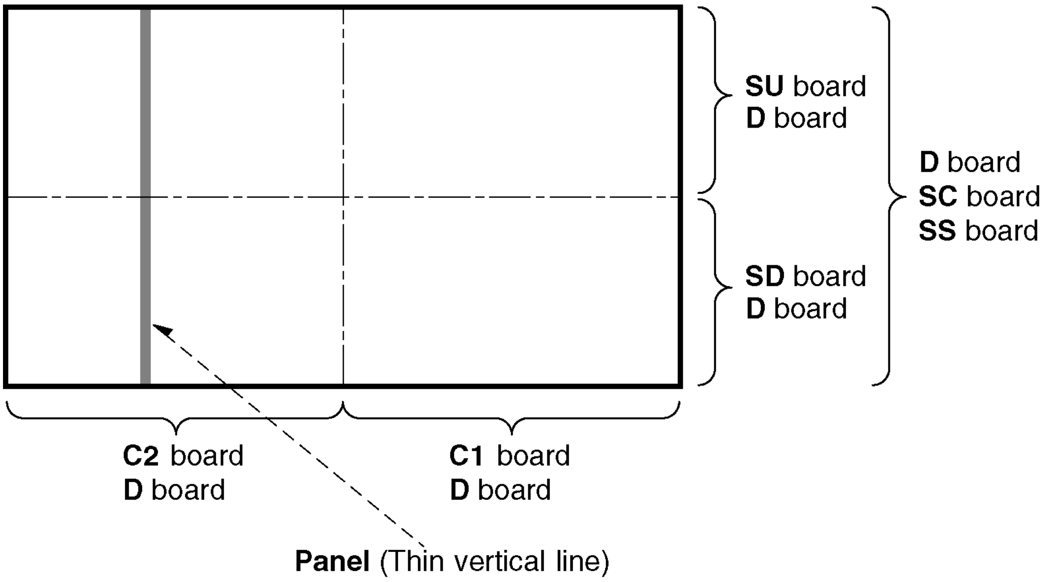

No Picture
Check OSD
NG
OK
Check SC board LED
OK
NG
SC board
D board
Check SS board LED
OK
NG
SS board
D board
Analog signal Input only
What's Signal?
Both Analog and Digital Signal Input
H board
DG board

Drive circuits LED indicator


SC board
D6583
SS board
D6065

8.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.


SU board
D board
SD board
D board
D board
SC board
SS board
C2 board
D board
C1 board
D board
Panel (Thin vertical line)

<Local screen failure chart>

Fig - 1

9 Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

9.1. How to enter SERVICE 1

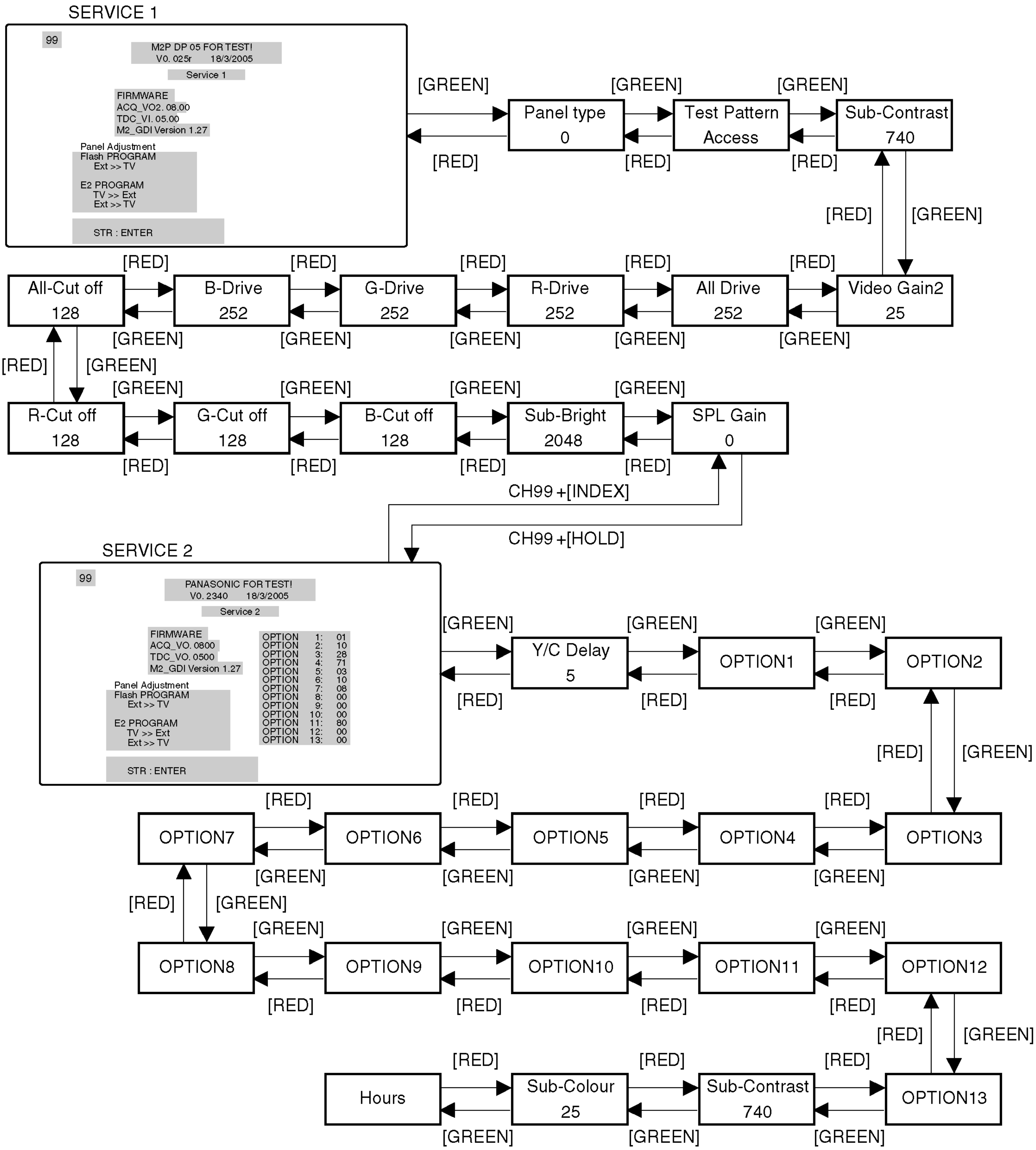
1. In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.
2. Simultaneously press **INDEX** button on remote control and **DOWN** button [—/∨] on the TV set.

9.2. How to enter SERVICE 2

1. Set the channel to CH99.
2. Select the SPL Gain.
3. Press HOLD button on remote control.

Note:

To exit to Service mode, press N or Power button on remote control.


SERVICE 1
99
M2P DP 05 FOR TEST!
V0. 025r 18/3/2005
Service 1
FIRMWARE
ACQ_VO2. 08.00
TDC_VI. 05.00
M2_GDI Version 1.27
Panel Adjustment
Flash PROGRAM
Ext >> TV
E2 PROGRAM
TV >> Ext
Ext >> TV
STR : ENTER
[GREEN]
[RED]
Panel type
0
Test Pattern
Access
Sub-Contrast
740
Video Gain2
25
All Drive
252
R-Drive
252
G-Drive
252
B-Drive
252
All-Cut off
128
R-Cut off
128
G-Cut off
128
B-Cut off
128
Sub-Bright
2048
SPL Gain
0
CH99 +[INDEX]
CH99 +[HOLD]
SERVICE 2
99
PANASONIC FOR TEST!
V0. 2340 18/3/2005
Service 2
FIRMWARE
ACQ_VO. 0800
TDC_VO. 0500
M2_GDI Version 1.27
OPTION 1: 01
OPTION 2: 10
OPTION 3: 28
OPTION 4: 71
OPTION 5: 03
OPTION 6: 10
OPTION 7: 08
OPTION 8: 00
OPTION 9: 00
OPTION 10: 00
OPTION 11: 80
OPTION 12: 00
OPTION 13: 00
Panel Adjustment
Flash PROGRAM
Ext >> TV
E2 PROGRAM
TV >> Ext
Ext >> TV
STR : ENTER
Y/C Delay
5
OPTION1
OPTION2
OPTION3
OPTION4
OPTION5
OPTION6
OPTION7
OPTION8
OPTION9
OPTION10
OPTION11
OPTION12
OPTION13
Sub-Contrast
740
Sub-Colour
25
Hours

Key Command
- Press the **RED/GREEN** button to step up/down through the functions.
- Press the **YELLOW/BLUE** button to change the function values.
- Press the **OK** button after each adjustment has been mode to store the required values.

9.3. Option Description

		PA50M		
option1		0F		
	b0	1	Colour system	Auto(1)
	b1	1		SECAM(1)
	b2	1		NTSC(1)
	b3	1		M.NTSC(1)
	b4	0	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	0	SIF	4.5 / 5.5 / 6.0 / 6.5(0), 5.5 / 6.0 / 6.5(1)
	b6	0		5.5 / 6.5(2), 6.0 / 6.5(3)
	b7	0	free	
option2		E2		
	b0	0	A2 enable	4.5(1)
	b1	1		5.5(1)
	b2	0		6.0(1)
	b3	0		6.5(1)
	b4	0	NICAM enable	4.5(1)
	b5	1		5.5(1)
	b6	1		6.0(1)
	b7	1		6.5(1)
option3		1B		
	b0	1	SASO enable	SASO enable(1)
	b1	1	Fine tuning	Enable(1)
	b2	0	Search speed	Slow(1) Fast(0)
	b3	1	Tuner	MACO tuner (1), Others (0)
	b4	1	HYPER	UHF only (0), UHF/VHF (1)
	b5	0	IF I2C	I2C controlled Tuner IF module (1)
	b6	0	NICAM C4 bit	enable(1)
	b7	0	Blue Back	BLUE BACK on/off selection in menu(0)
option4		48		
	b0	0	Aspect AUTO	enable(1)
	b1	0	S1/S2 enable	enable(1)
	b2	0	ID-1	enable(1)
	b3	1	User aspect Just	enable(1)
	b4	0	User aspect 14:9	enable(1)
	b5	0	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1) / Zoom1, Zoom3 enable at self wide (0)
	b6	1	TEXT	enable(1)
	b7	0	TEXT TOP	TOP enable (1)
option5		1B		
	b0	1	CH Blanking	Blanking enable (1)
	b1	1	AV Blanking	Blanking enable (1)
	b2	0	Noise mute	Noise mute enable(0)
	b3	1	sub picture	without sub-picture(0), with sub-picture(1)
	b4	1	2tuner	2tuner(1),1tuner(0)
	b5	0	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	0	Panel (LCD)	Samsung Panel(1) / SHARP Panel(0)
	b7	0	Large size (LCD)	32(1) / 26(0) for LCD
option6		00		
	b0	0	SD module	with SD module (1)
	b1	0	SD module Ext.Rec(PAL)	enable(1)
	b2	0	SD module Ext.Rec(NTSC)	enable(1)
	b3	0	SD module Ext.Rec(SECAM)	enable(1)
	b4	0	IDTV	enable(1)
	b5	0	HDMI	enable(1)
	b6	0	Ext. HV input	without HV input(0) / with HV input(1)
	b7	0	PC	enable(1)
option7		B1		
	b0	1	Asia	Asia(1),europe(0)
	b1	0	Australia	Australia(1)
	b2	0	Ireland/India	India(1)
	b3	0	UK/Korea	Korea(1)
	b4	1	Lang1	Large(0) / Small(1)
	b5	1	Lang2	OSD language,with Alabic
	b6	0	Lower POS	Lower pos enable(1)
	b7	1	Owner ID	Enable(1)

		PA50M		
option8		40	**Euro option**	
	b0	0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	0	ACI auto MP	ACI auto multi package enable (1)
	b2	0	ACI offset	ACI offset for VCR prog. enable(1)
	b3	0	Power up EC-Mode	Power on EC enable (1)
	b4	0	AVLink	Q-Link off selectable in menu (1)
	b5	0	Volume correction	TV Volume coorrection enable (1)
	b6	1	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	0	Albd Reset Off	enable(1)
option9		FF		
	b0	1	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1	1		NZ/INDNES(1)
	b2	1		AUSTRALIA(1)
	b3	1		E.EUROPE(1)
	b4	1		SPECIAL(1)
	b5	1		AMERICA(1)
	b6	1		CATV(1)
	b7	1		JAPAN(1)
option10		6F		
	b0	1	NICAM priority	ASIA/M.E.(1)
	b1	1		HK / UK(1)
	b2	1		CHINA(1)
	b3	1		NZ / INDN(1)
	b4	0		AUSTRA(1)
	b5	1		E.EURO(1)
	b6	1		SPECIAL(1)
	b7	0	HDMI AVI Aspect	enable(1)
option11		C4	**Additional**	
	b0	0	Remocon Type	Delux(1) / Leader(0)
	b1	0	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	1	WSS14:9 off	WSS 14:9 off (1)
	b3	0	IRD Reset Check	ON(1) / OFF(0)
	b4	0	IRD Polling Check	ON(1) / OFF(0)
	b5	0	Contrast AI	enable(1) * LCD Only
	b6	1	Exdac4 Slave address	0x9e(1) / 0x98(0) * PDP Only
	b7	1	PanelMCUNew	NewMCU(1) / OldMCU(0) :: temp * PDP Only
option12		09	**Additional 2**	
	b0	1	Aspect memory	evry input source(1) / common(0)
	b1	0	s / yuv detect(Factory)	enable(0) *LCD Only
	b2	0	Text Ch Refresh	enable(1)
	b3	1	Still by Hold-Key	disable(1)
	b4	0	free	
	b5	0	free	
	b6	0	free	
	b7	0	free	

9.4. Option Code Setting

If the memory IC (IC1107) or DG Board is replaced, option code should be re-memorized.

Spare part of IC1107 is already memorized all Data for TH-37/42PA50M.

If you use for other model, you should re-memorized the different option code in SERVICE 2 mode.

Option No.	PA50A	PA50H	PA50M
OPTION1	40	0F	0F
OPTION2	22	E2	E2
OPTION3	3A	1E	1B
OPTION4	D8	48	48
OPTION5	0B	1B	1B
OPTION6	00	00	00
OPTION7	93	A1	B1
OPTION8	40	40	40
OPTION9	06	FF	FF
OPTION10	08	6F	6F
OPTION11	C4	C4	C4
OPTION12	09	09	09
OPTION13	00	00	00

10 Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. Input an APL 100 % white signal.
2. Set the picture controls: -

   Picture mode: Normal

   White balance: Cool

   Aspect: 16:9

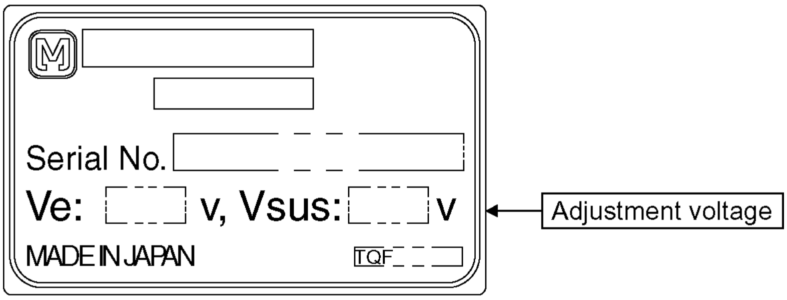
10.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 1V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 1V	VR6074 (SS)	*
Vset	TPVSET (SC)	232V ± 6V	Fixed	
Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
Vscn	TPVSCN (SC)	Vad +120V ± 3V	Fixed	
Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
PFC	C448 (+)(-)	395V ± 0.5V	R443 (P)	
Vlow	C557 (+)(-)	73V ± 0.1V	R661 (P)	load current : 0.4A
Csus	TPVsus	164V ± 0.5V	R671 (P)	load current : 1.45A

*See the Panel label.

Panel Label information



10.2. Initialization Pulse Adjust

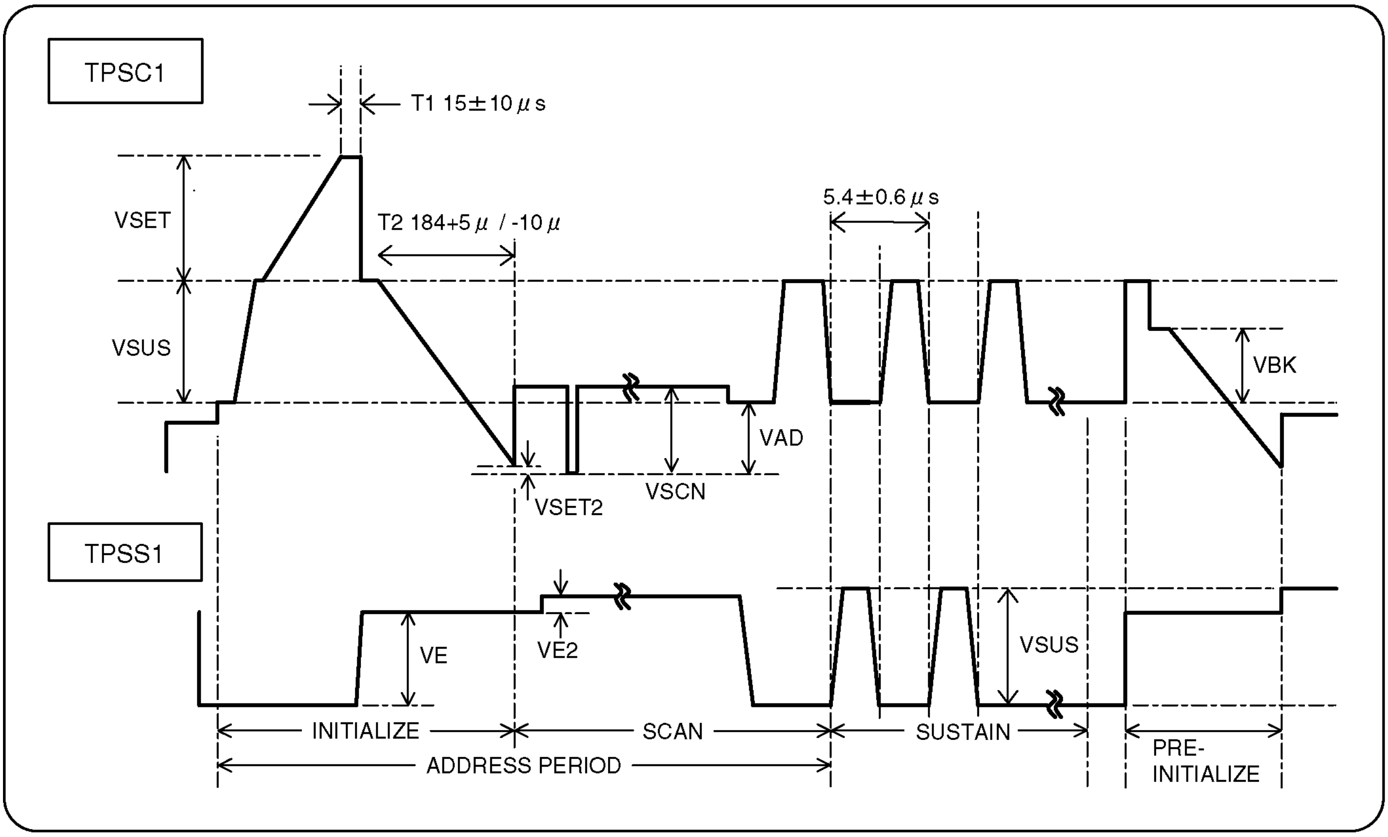
1. Input a Cross hatch signal.
2. Set the picture controls: -

   Picture mode: Normal

   White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	---	15 ± 10μ Sec
T2	TPSS1 (SS)	VR6557 (SC)	184 + 5μ / - 10μ Sec


TPSC1
T1 15±10μs
VSET
T2 184+5μ / -10μ
5.4±0.6μs
VSUS
VBK
VAD
VSET2
VSCN
TPSS1
VE
VE2
VSUS
INITIALIZE
SCAN
SUSTAIN
PRE-INITIALIZE
ADDRESS PERIOD

10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

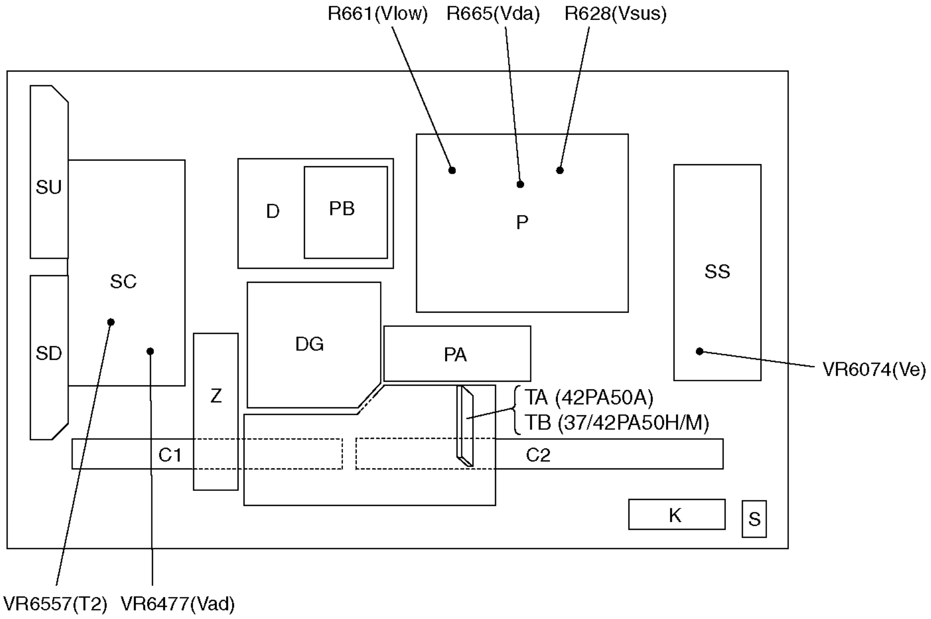
1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

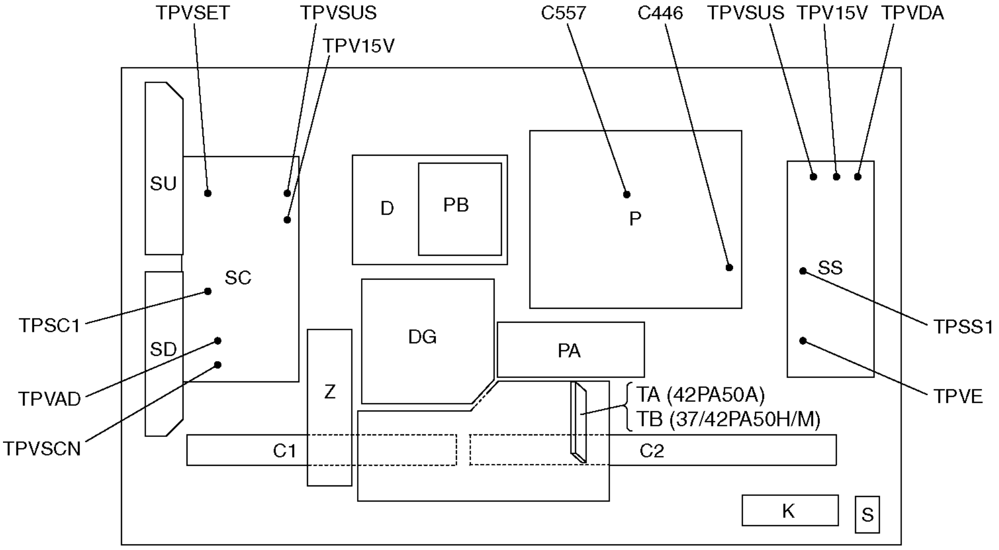
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 1V	R628 (P)	*
	Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
	PFC	C446 (+) (-) (P)	395V ± 0.5V	R443 (P)	
	Vlow	C557 (+) (-) (P)	73V ± 0.1V	R661 (P)	load current : 0.4A
	Csus	TPVSUS (SS)	164V ± 0.5V	R671 (P)	load current : 1.45A
SC Board	Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 1V	VR6074 (SS)	*
D, DG Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

10.4. Adjustment Volume Location


R661(Vlow)
R665(Vda)
R628(Vsus)
SU
SC
SD
D
PB
P
SS
DG
PA
Z
C1
C2
TA (42PA50A)
TB (37/42PA50H/M)
K
S
VR6074(Ve)
VR6557(T2)
VR6477(Vad)

10.5. Test Point Location


TPVSET
TPVSUS
TPV15V
C557
C446
TPVSUS
TPV15V
TPVDA
SU
SC
SD
D
PB
P
SS
DG
PA
Z
C1
C2
K
S
TA (42PA50A)
TB (37/42PA50H/M)
TPSC1
TPVAD
TPVSCN
TPSS1
TPVE

11 Adjustment

11.1. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
• W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal

Procedure

- Ensure aging is adequate (Longer than 15min.)
- Make sure the front panel to be used on the final set is fitted.
- Make sure a color signal is not being shown before adjustment.
- Put the color analyzer where there is little color variation.
- Complete the adjustment within 10 minutes after the turn on electricity.

  Turn on the power supply again where it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is "cool".
3. Enter the "Service-Menu1" mode.
4. Select "G-CUTOFF" item, using the color-key "Red" or "Blue", and set to "128", using the color-key "Yellow" or "Green".

   Also, "B-CUTOFF" and "R-CUTOFF" set to "128"
5. Set "G-DRIVE" at "224".
6. Touch the signal receiver of color analyzer to the highlight window´s center, and adjust B drive and R drive so x, y become the "Color balance Cool" in the below table.
7. Set "ALL-DRIVE" to "252".
8. Set colorbalance to "Normal".
9. Fix G cutoff , B cutoff and R cutoff at "128".
10. Fix G drive at "224".
11. Adjust B drive and R drive so the highlight window´s x, y become the "Color balance "Normal" in the below table.
12. Set "ALL-DRIVE" to "252".
13. Set color balance to "Warm".
14. Set G cutoff, B cutoff and R cutoff to "128".
15. Set G drive to "224".
16. Adjust B drive and R drive so the highlight window´s x, y become the "Color balance Warm" shown in the below table.
17. Set "ALL-DRIVE" to "252".

Table 1, Color balance target value

Color temperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Table 2, Cut off data addresses (PAL)

Color temperature	R	G	B
Cool	A0-024B	A0-024E	A0-0251
Normal	A0-024A	A0-024D	A0-0250
Warm	A0-0249	A0-024C	A0-024F

Table 3, Drive data addresses (PAL)

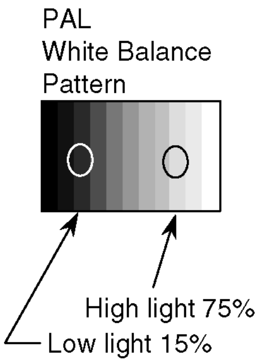
Color temperature	R	G	B
Cool	A0-0239	A0-023C	A0-023F
Normal	A0-0238	A0-023B	A0-023E
Warm	A0-0237	A0-023A	A0-023D

Remarks

Picture menu : Dynamic
ASPECT : 16:9

- Highlight section

  Signal amplitude 75%



11.2. 1080i white balance adjustment

Instrument Name	Connection	Remarks
• 1080i W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	Comonent terminal Panel surface	User setting: Normal

Procedure	Remarks
• Ensure aging is adequate (Longer than 15min.) • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. • Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc.	Picture menu: Dynamic ASPECT:16:9

1. Display the white balance pattern.
2. Check that the color balance is "cool".
3. Enter the "Service-Menu1" mode.
4. Select "G-CUTOFF" item, using the color-key "Red" or "Green", and set to "128", using the color-key "Yellow" or "Blue".
   Also, "B-CUTOFF" and "R-CUTOFF" set to "128"
5. Set "G-DRIVE" at "224".
6. Touch the signal receiver of color analyzer to the highlight window´s center, and adjust B drive and R drive so x, y become the "Color balance Cool" in the below table.
7. Set "ALL-DRIVE" to "252".
8. Set colorbalance to "Normal".
9. Fix G cutoff , B cutoff and R cutoff at "128".
10. Fix G drive at "224".
11. Adjust B drive and R drive so the highlight window´s x, y become the "Color balance "Normal" in the below table.
12. Set "ALL-DRIVE" to "252".
13. Set color balance to "Warm".
14. Set G cutoff, B cutoff and R cutoff to "128".
15. Set G drive to "224".
16. Adjust B drive and R drive so the highlight window´s x, y become the "Color balance Warm" shown in the below table.
17. Set "ALL-DRIVE" to "252".

Table 1, Color balance target value

	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

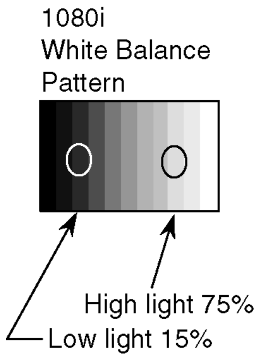
Table 2, Cut off data address (HD/PC)

Color balance	R	G	B
Cool	A0-0254	A0-0257	A0-025A
Normal	A0-0253	A0-0256	A0-0259
Warm	A0-0252	A0-0255	A0-0258

Table 3, Drive data address (HD/PC)

Color balance	R	G	B
Cool	A0-0242	A0-0245	A0-0248
Normal	A0-0241	A0-0244	A0-0247
Warm	A0-0240	A0-0243	A0-0246

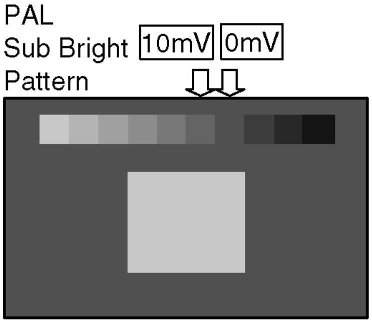
- Highlight section
  Signal amplitude 75%



* The Color balance COOL differs from Japanese model values.

11.3. Sub bright adjustment

Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
● Color balance adjustment is finished for each signal. ● Do adjustments in a dark room. ● Complete the adjustment within minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the pattern for adjusting subbright from video input. 2. Pull down SRQ of the panel D-Board to L. 3. Use "Sub-Bright" in the “Service-Menu1” mode to adjuct so the 6th section shows up and 7th fades away.  	Picture menu: Dynamic Color balance: Normal ASPECT: 16:9 * If using RF ch.E04, (Sub-Bright test pattern), adjust so the 6th section shows up and the 7th fades away.

11.4. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader: 1080i/No.9 Signal) 2. Wattmeter	COMPONENT input terminal Connect the AC power of the adjustment set to the wattmeter.	

Procedure	Remarks
● Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) ● Voltage 230V 50Hz (variation within 1%) ● Volume at minimum and screen size at "16:9" Setting Component input, dynamic, standard 1. Connect the set´s AC power to the wattmeter. 2. Input the Signal (top half: color bar, Bottom half: Horizontal losteps bar). 3. Select the "APL MULT" item in the Service1. 4. Adjust APL MULT so the set´s power consumption is TH-37PA50H/M 239(+5/-10)w TH-42PA50A/H/M 309(+5/-10)w 1. The initial data are 0×1E for 37/42SD (A0-0626) 2. The power and data are in reverse relationship (Lower the data to raise the power.) ● Raising direction (↑):20 → 1F ● Lowering direction (↓):20 → 1A 3. There is a possibility that the adjustment value can do two places adjust it in that case, that the value of APL_MULT is large.	According to the line condition,100V can be used

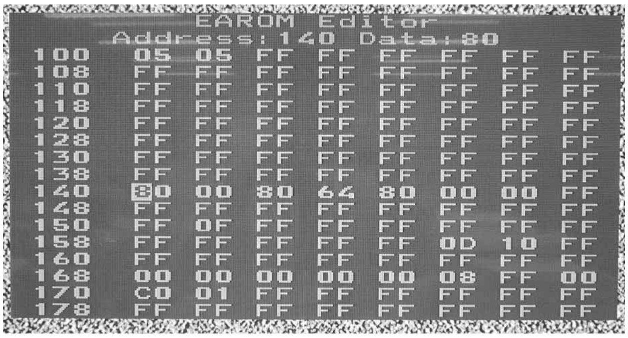
12 Hotel mode

1. Purpose

   Restrict a function for hotels.

2. Access command

   - Enter to the Service 2 Mode.
   - Press Status button on remote control and entry to the EAROM EDITOR Mode.
   - Press the RED/GREEN button to step up/down through the address.
   - Press the YELLOW/BLUE button to step left/right through the address.
   - Press the PROGRAMME UP/DOWN button to step up/down through the page.
   - Press the VOLUME UP/DOWN button to change the function values.
   - Set the data of EEPROM(ADDRESS 140) to 80.
   - Press the OK button to memorize the data.



```
        EAROM Editor
   Address:140 Data:80
100   05 05 FF FF FF FF FF FF
108   FF FF FF FF FF FF FF FF
110   FF FF FF FF FF FF FF FF
118   FF FF FF FF FF FF FF FF
120   FF FF FF FF FF FF FF FF
128   FF FF FF FF FF FF FF FF
130   FF FF FF FF FF FF FF FF
138   FF FF FF FF FF FF FF FF
140   80 00 80 64 80 00 00 FF
148   FF FF FF FF FF FF FF FF
150   FF 0F FF FF FF FF FF FF
158   FF FF FF FF FF 0D 10 FF
160   FF FF FF FF FF FF FF FF
168   00 00 00 00 00 08 FF 00
170   C0 01 FF FF FF FF FF FF
178   FF FF FF FF FF FF FF FF
```

   Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

   It can be made Hotel mode.

3. Exit command

   - First, set the data of EEPROM(ADDRESS 140) to 00.

     Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

     Then, it is no longer hotel mode.

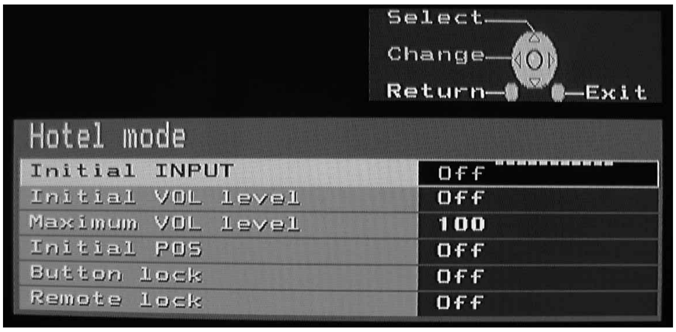
4. Access command to the Hotel mode setup menu

   - Prerequisite : It is conditions that the data of EEPROM(ADDRESS 140) is 80.

     In order to display the Hotel mode setup menu, please enter the following command **(within 2 second)**.

     [TV]:down + [REMOTE]:TV/AV(3 times)

     Then, the Hotel mode setup menu is displayed.



Hotel mode

```
Initial INPUT       Off
Initial VOL level   Off
Maximum VOL level   100
Initial POS         Off
Button lock         Off
Remote lock         Off
```

5. Explain the Hotel mode setup menu

CAUTION

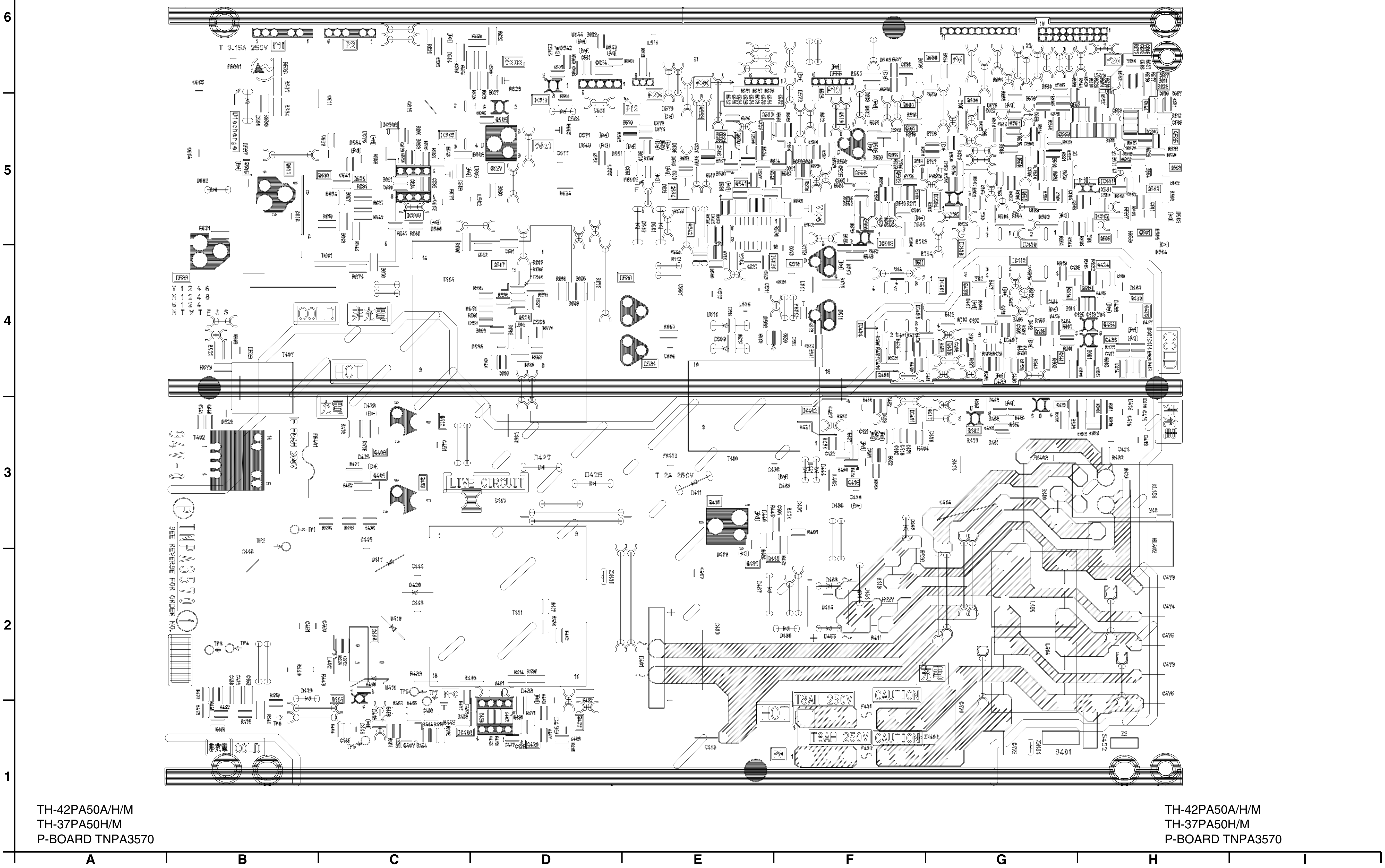
This setup is not valid, unless data of EEPROM(ADDRESS 140) will be 00, even if each settings were done.

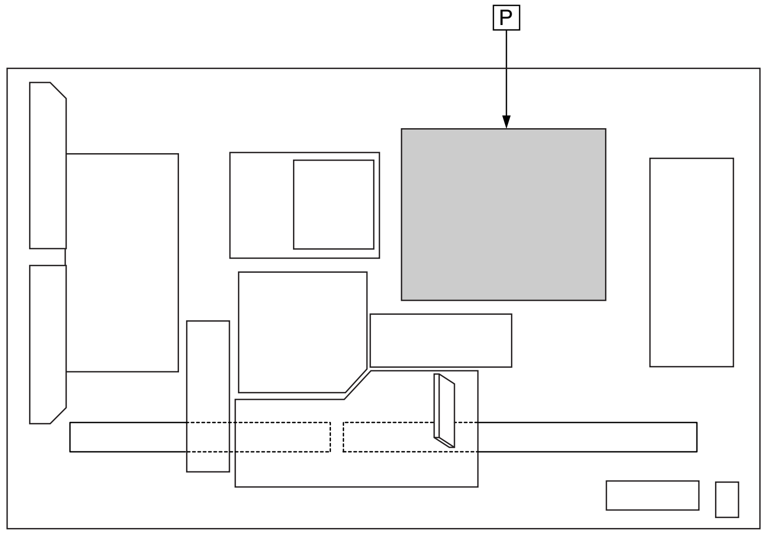
item	Function
Initial INPUT	Select input signal modes. Set this signal, each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/Av4S/AV4C/PC • Off: give priority to a last memory. However, Euro model is compulsorily set to TV. • AVnS/AVnC: only Euro model selectable • PC: selectable with VGA option
Initial VOL level	Adjust output Volume. Set this volume, each time power is switched on. If the value of InitVol is changed, volume will change. However, priority is given to a last memory when InitVol is Off. When "InitVol" is larger than "MaxVol", make "InitVol" and "MaxVol" the same. Selection/Range : Off/0 to 100 • Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Set this max. volume, each time power is switched on. When "MaxVol" is smaller than "InitVol", make "MaxVol" and "InitVol" the same, if "InitVol" is not Off. Range : 0 to 100
Initial POS	Select programme number. Set this programme number, each time power is switched on. Selection : Off/0 to 99 (Euro model) • Off: give priority to a last memory
Button lock	Select local key conditions. Set this condition, each time power is switched on. Selection : Off/SETUPMENU/All • Off: altogether valid • SETUP: restrict F-key selection (Tuning guide(menu) can not be selected.) • MENU: restrict F-key selection (only Volume/Mute can be selected.) • All: altogether invalid.
Remote lock	Select remote control key conditions. Set this condition, each time power is switched on. Selection : Off/SETUP/MENU • Off: altogether valid • SETUP: only Setup menu is invalid • MENU: Picture/Sound/Setup menu are invalid

13 Conductor View

13.1. P-Board

P-BOARD (FOIL SIDE)
TNPA3570


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
T 3.15A 250V
Discharge
COLD
HOT
LIVE CIRCUIT
D427
D428
T 2A 250V
94V-0
TNPA3570
SEE REVERSE FOR ORDER NO.
T8AH 250V
CAUTION
S401
S402
TH-42PA50A/H/M
TH-37PA50H/M
P-BOARD TNPA3570



Parts Location

P-BOARD (FOIL SIDE)

IC	
IC401	G-4
IC402	F-3
IC403	F-4
IC404	F-4
IC406	D-1
IC407	G-4
IC408	G-4
IC409	G-5
IC411	F-3
IC412	G-4
IC431	F-4
IC501	H-5
IC502	H-5
IC503	F-5
IC504	G-5
IC505	C-5
IC506	C-5
IC507	H-5
IC509	C-5
IC512	D-6
IC520	E-5

TRANSISTOR	
Q401	F-4
Q403	G-4
Q404	C-2
Q406	C-2
Q407	C-1
Q408	C-3
Q409	C-3
Q412	C-3
Q413	C-3
Q414	G-4
Q415	H-4
Q417	G-3
Q418	F-3
Q420	D-1
Q421	F-3
Q422	D-1
Q423	H-4
Q424	H-4
Q430	G-3
Q431	E-3
Q432	G-3
Q433	G-4
Q434	H-4
Q435	H-4
Q436	H-4
Q438	G-4
Q439	E-2
Q440	E-2
Q441	G-4
Q501	H-5
Q502	H-5
Q503	H-5
Q505	D-5
Q506	B-5
Q507	B-5
Q508	F-5
Q509	E-5
Q510	E-5
Q511	F-4
Q512	F-5
Q516	E-5
Q517	D-4
Q518	F-4
Q519	F-5
Q520	D-4
Q525	C-5
Q527	D-5
Q530	C-5
Q535	H-5
Q536	G-5
Q537	F-5
Q538	G-6
Q541	E-5
Q542	E-5
Q544	H-5
Q550	G-5
Q551	G-5
Q552	H-5
Q553	E-5
Q554	E-5
Q557	G-5
Q558	F-5
Q559	G-5
Q560	F-5
Q561	G-5
Q562	F-5
Q564	F-5
Q565	H-5
Q567	F-5

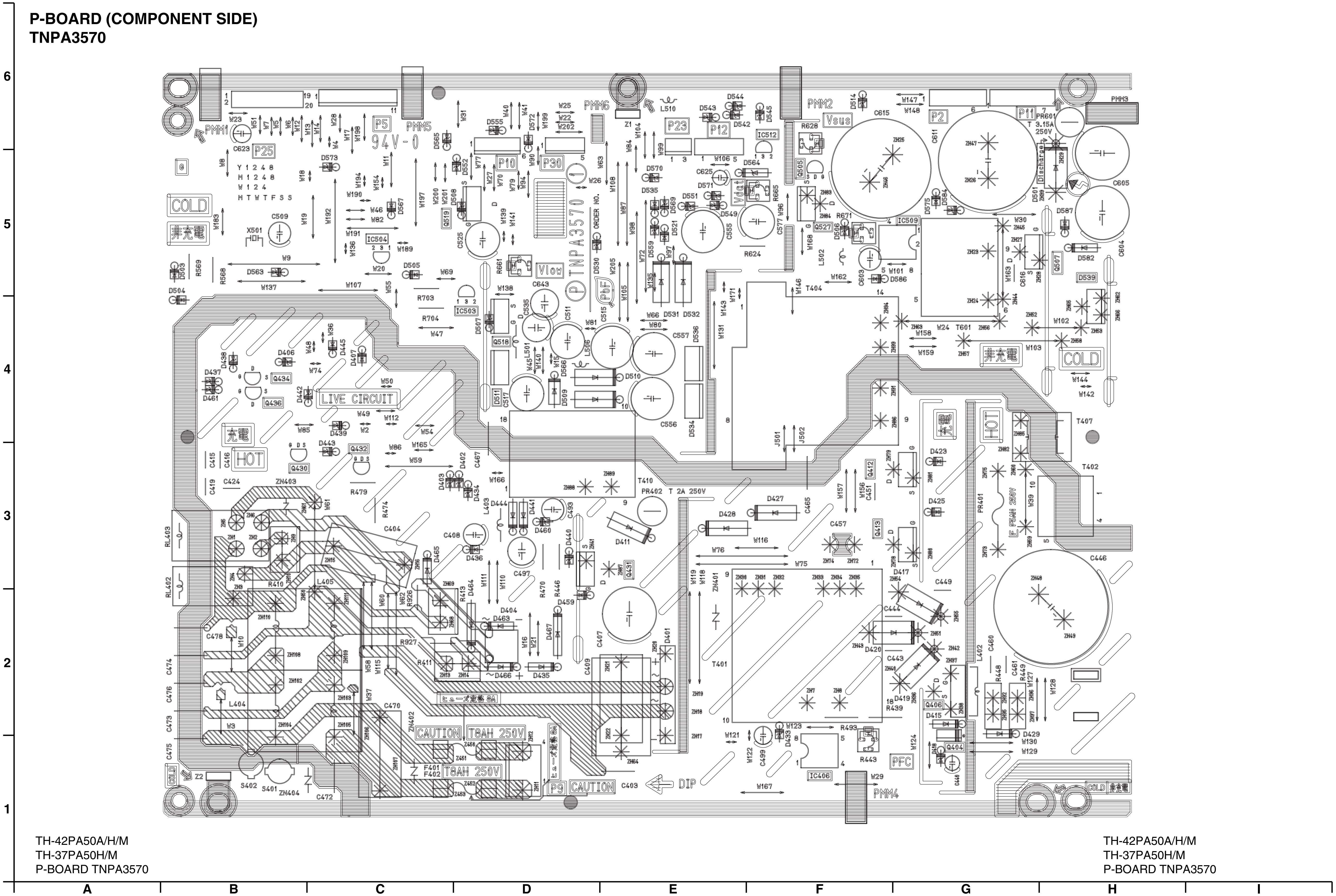
TP	
TP1	B-3
TP2	B-3
TP3	B-2
TP4	B-2
TP5	C-2
TP6	C-1
TP7	C-1
TP8	B-1

Parts Location

P-BOARD (COMPONENT SIDE)

IC		TRANSISTOR	
IC406	F-1	Q404	G-1
IC503	D-5	Q406	G-2
IC504	C-5	Q412	G-3
IC509	G-5	Q413	G-3
IC512	F-6	Q430	B-3
		Q431	D-3
		Q432	C-3
		Q434	B-4
		Q436	B-4
		Q505	F-5
		Q507	G-5
		Q518	D-4
		Q519	D-5
		Q527	F-5

P-BOARD (COMPONENT SIDE)
TNPA3570


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
P2
P5
P9
P10
P11
P12
P23
P25
P30
94V-0
TNPA3570
ORDER NO.
COLD
HOT
LIVE CIRCUIT
Vsus
Vdat
Vlow
PFC
Discharge
CAUTION
T8AH 250V
PR401
PR402 T 2A 250V
PR601 T 3.15A 250V
C446
C605
C604
C611
C615
T401
T402
T404
T407
T410
T601
IC406
IC503
IC504
IC509
IC512
RL402
RL403
S401
S402
F401
F402
DIP

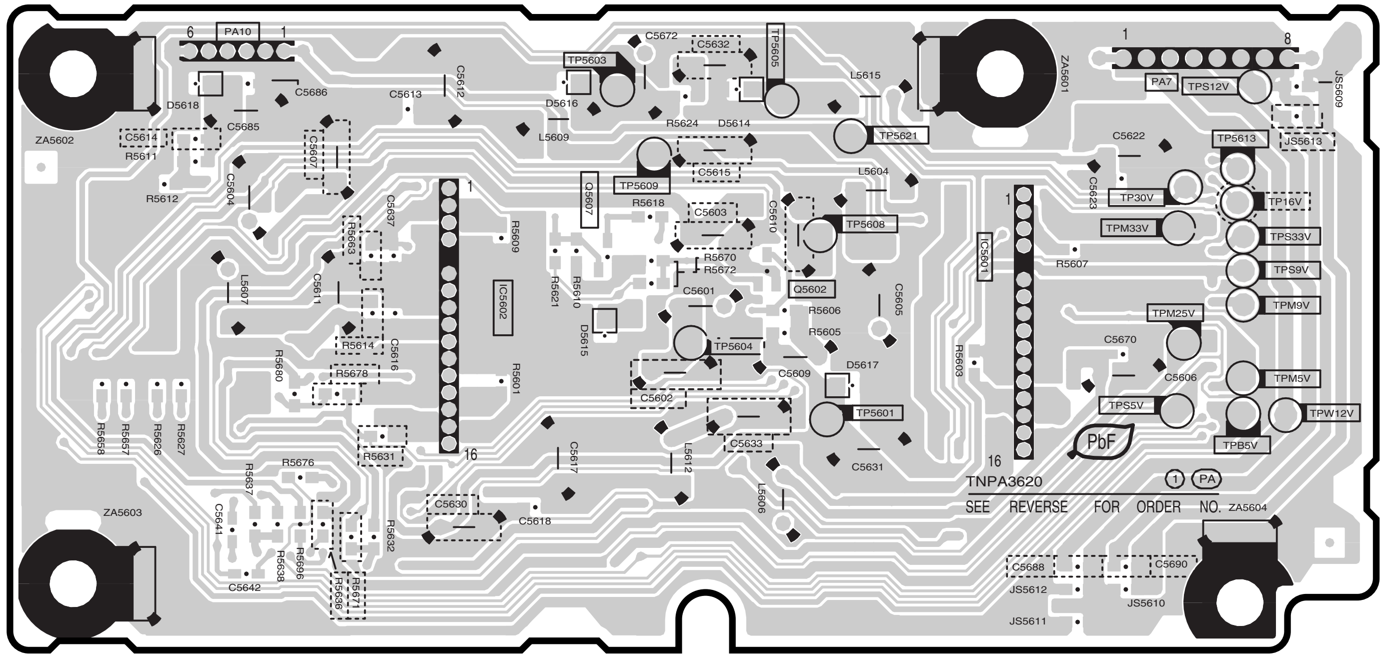
TH-42PA50A/H/M
TH-37PA50H/M
P-BOARD TNPA3570

TH-42PA50A/H/M
TH-37PA50H/M
P-BOARD TNPA3570

13.2. PA-Board

6
5
4
3
2
1

PA-BOARD(FOIL SIDE)
TNPA3620AB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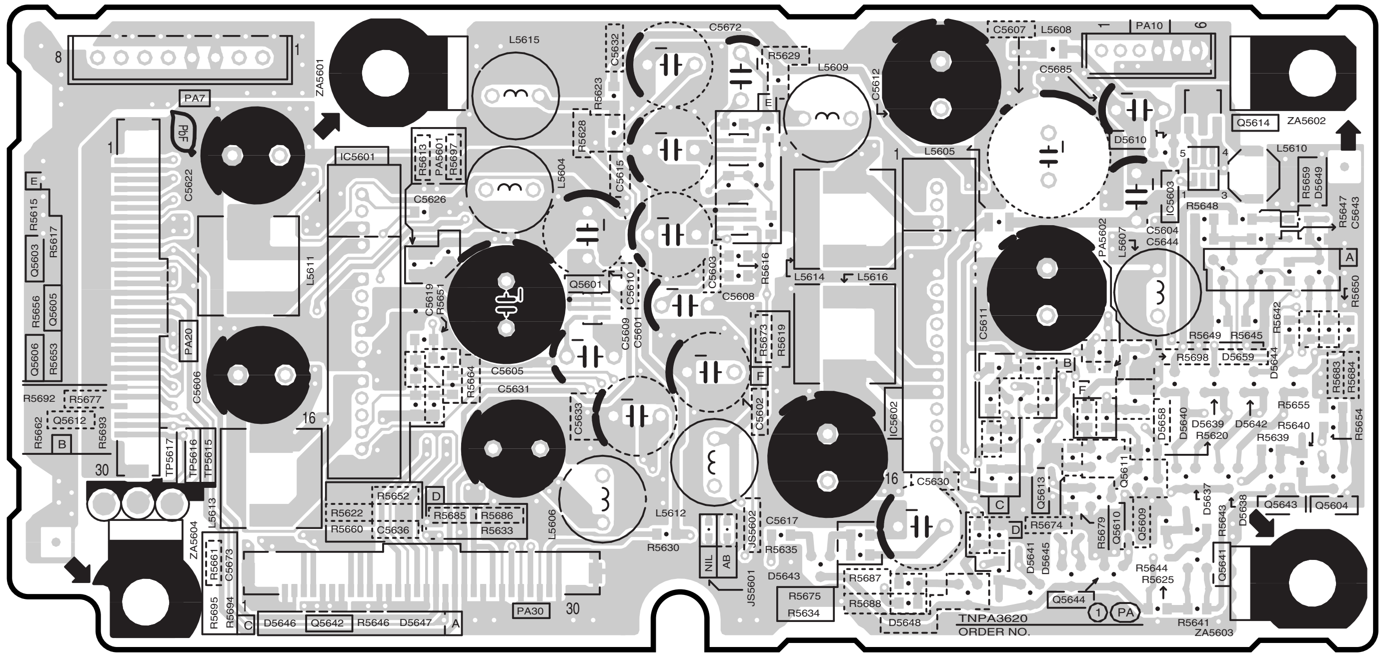
6
1
ZA5602
D5618
C5686
C5685
C5614
R5611
R5612
C5613
C5612
TP5603
C5672
C5632
TP5605
D5616
L5609
R5624
D5614
L5615
TP5621
ZA5601
PA7
TPS12V
JS5609
8
C5622
TP5613
JS5613
C5623
TP30V
TP16V
TPM33V
TPS33V
TPS9V
TPM9V
TPM25V
TPM5V
TPS5V
TPW12V
TPB5V
C5670
C5606
R5607
IC5603
IC5602
IC5601
Q5607
TP5609
R5618
C5616
C5603
TP5608
R5670
R5672
C5601
Q5602
R5606
R5605
TP5604
C5609
D5617
C5602
TP5601
C5633
C5631
L5604
L5606
L5612
C5617
R5609
R5601
R5610
R5621
D5615
L5607
C5611
R5614
R5678
R5680
R5608
R5607
R5626
R5627
R5631
R5676
C5630
C5618
ZA5603
C5641
C5642
R5632
C5688
C5690
JS5612
JS5611
JS5610
ZA5604
16
TNPA3620
SEE REVERSE FOR ORDER NO.
PbF
1
PA

PA-BOARD(COMPONENT SIDE)
TNPA3620AB


8
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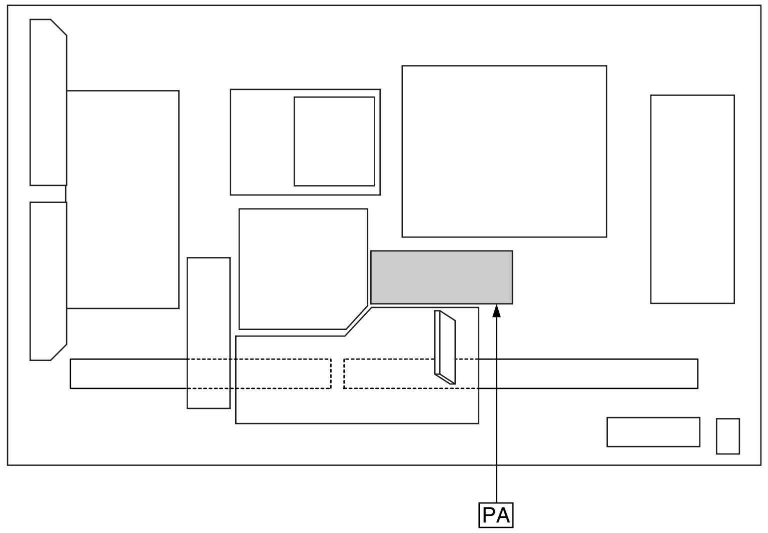
PA7
PbF
ZA5601
IC5601
L5615
C5672
R5629
L5609
C5612
C5607
L5608
PA10
6
C5685
Q5614
ZA5602
L5610
D5610
L5605
IC5603
R5648
C5604
C5644
PA5602
L5607
C5622
C5626
L5611
Q5603
R5615
R5617
R5656
Q5605
Q5606
R5653
PA20
C5606
Q5601
C5608
L5614
L5616
C5611
IC5602
C5605
C5631
C5637
C5602
R5692
R5677
R5682
Q5612
R5693
30
16
TP5617
TP5616
TP5615
ZA5604
R5622
R5652
R5660
C5636
R5685
R5686
R5633
L5612
R5630
C5617
D5643
R5635
R5687
R5688
R5675
R5634
D5648
C5630
Q5613
R5674
Q5610
Q5609
R5644
R5625
Q5644
1
PA
TNPA3620
ORDER NO.
R5641
ZA5603
Q5643
Q5604
Q5641
R5649
R5645
R5698
D5659
D5640
D5639
D5642
R5640
R5639
R5620
R5655
R5650
R5643
R5695
R5694
C5673
D5646
Q5642
R5646
D5647
PA30
A
B
C
D
E



Parts Location

PA-BOARD			
IC		**TP**	
IC5601	B-2	TP5601	C-4
IC5602	D-2	TP5603	C-5
IC5603	E-2	TP5604	C-4
		TP5605	C-5
TRANSISTOR		TP5608	C-5
Q5601	C-2	TP5609	C-5
Q5602	D-5	TP5621	C-5
Q5603	A-2	TP16V	E-5
Q5604	E-1	TP30V	E-5
Q5605	2	TPB5V	E-4
Q5606	A-2	TPM25V	E-5
Q5607	C-5	TPM33V	E-5
Q5609	E-1	TPM5V	E-5
Q5610	E-1	TPM9V	E-5
Q5612	A-2	TPS12V	E-5
Q5613	D-1	TPS33V	E-5
Q5614	E-3	TPS5V	E-4
Q5641	E-1	TPS9V	E-5
Q5642	B-1	TPW12V	E-4
Q5643	E-1		
Q5644	D-1		

TH-42PA50A/H/M
TH-37PA50H/M
PA-BOARD TNPA3620AB

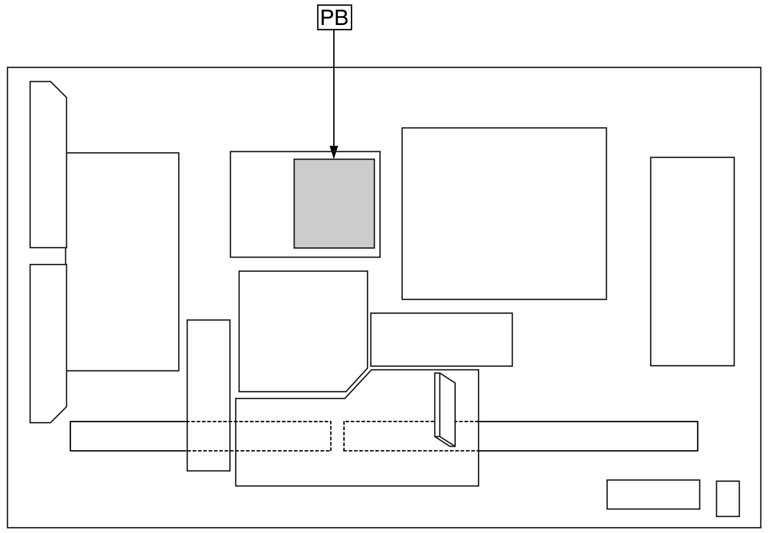
TH-42PA50A/H/M
TH-37PA50H/M
PA-BOARD TNPA3620AB

A B C D E F G H I

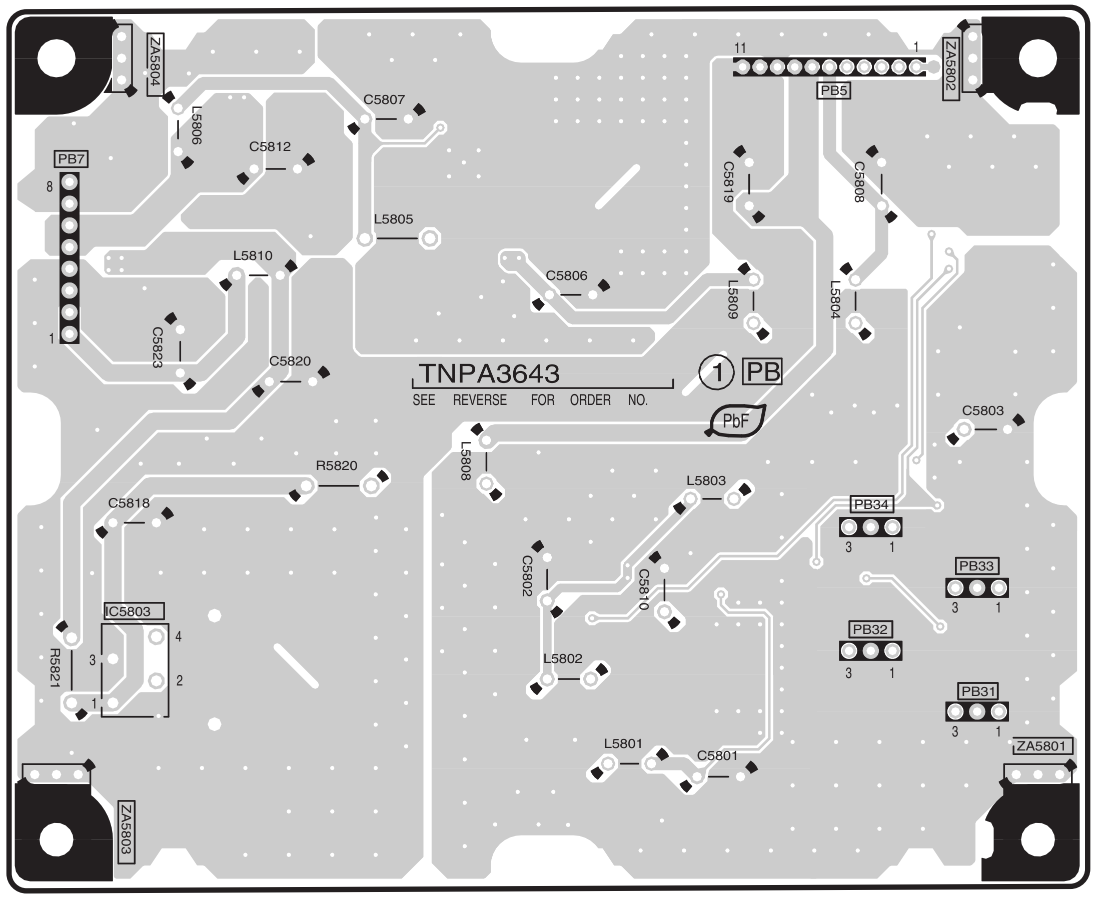
13.3. PB-Board

Parts Location

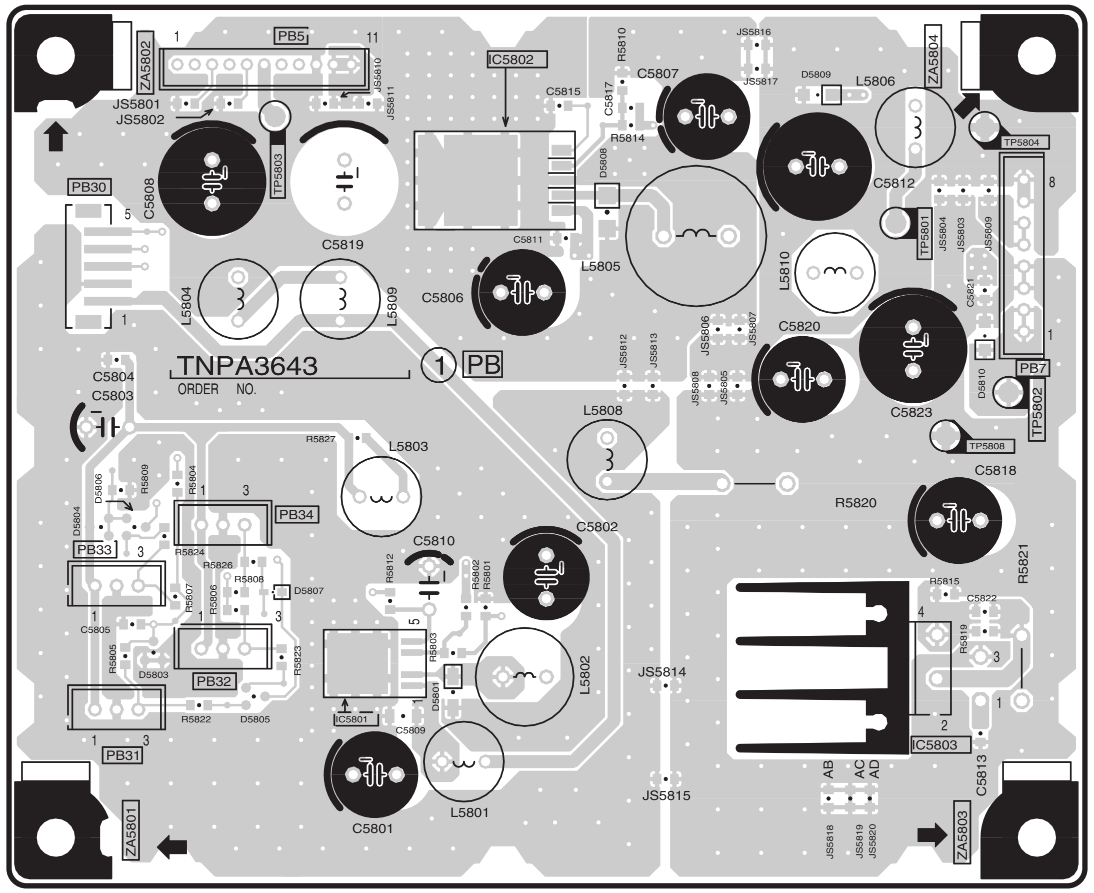
PB-BOARD			
IC		**TP**	
IC5801	F-1	TP5801	H-4
IC5802	G-4	TP5802	H-3
IC5803	H-1	TP5803	F-3
		TP5804	H-4
		TP5808	H-3



PB-BOARD(FOIL SIDE)
TNPA3643AB


ZA5804
ZA5802
ZA5803
ZA5801
PB7
PB5
PB34
PB33
PB32
PB31
IC5803
TNPA3643
SEE REVERSE FOR ORDER NO.
① PB
PbF
C5807
C5812
L5806
L5805
L5810
C5823
C5820
C5806
C5819
C5808
L5809
L5804
C5803
R5820
C5818
L5808
L5803
C5802
C5810
L5802
L5801
C5801
R5821
11
1
8

PB-BOARD(COMPONENT SIDE)
TNPA3643AB


ZA5802
ZA5804
ZA5801
ZA5803
PB5
PB30
PB7
PB34
PB33
PB32
PB31
IC5802
IC5801
IC5803
JS5801
JS5802
JS5814
JS5815
TP5803
TP5804
TP5801
TP5808
TP5802
TNPA3643
ORDER NO.
① PB
C5808
C5819
C5806
C5807
C5815
R5814
C5811
L5805
L5806
C5812
L5810
C5820
C5823
L5804
L5809
C5804
C5803
L5808
L5803
C5818
R5820
C5810
C5802
C5805
R5822
D5805
D5803
D5807
C5809
C5801
L5801
L5802
R5821
R5815
C5822
C5813
AB
AC
AD
R5827
R5824
R5826
R5808
11
1
8

TH-42PA50A/H/M
TH-37PA50H/M
PB-BOARD TNPA3643AB

TH-42PA50A/H/M
TH-37PA50H/M
PB-BOARD TNPA3643AB

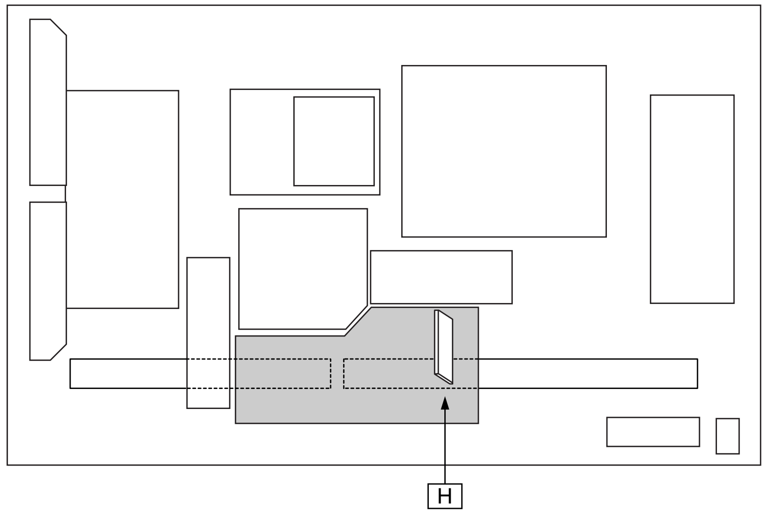
6 5 4 3 2 1

A B C D E F G H I

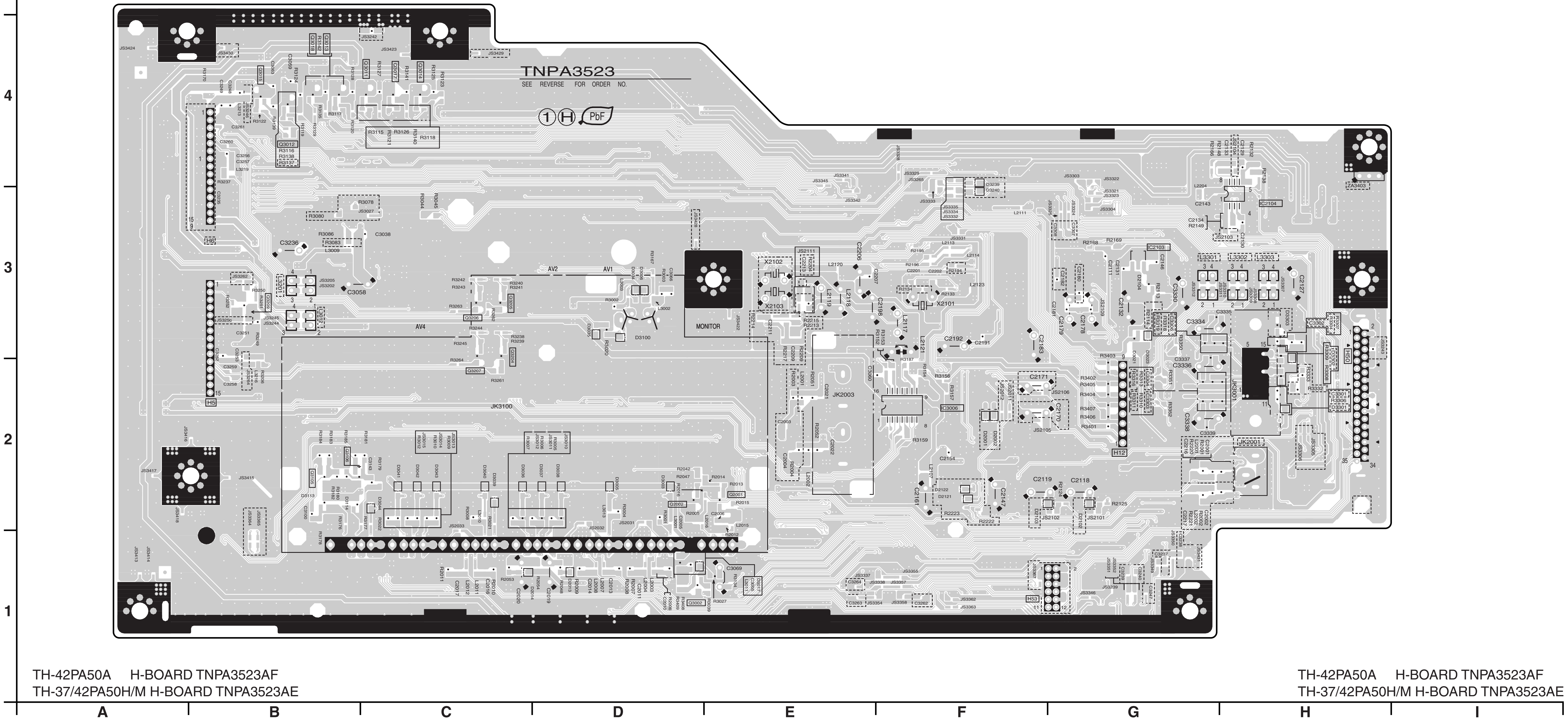
13.4. H-Board

Parts Location

H-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC2103	G-3	Q2001	E-2
IC2104	H-3	Q2002	D-2
IC3006	F-2	Q3002	D-1
		Q3011	C-4
		Q3012	B-4
		Q3013	B-4
		Q3014	C-4
		Q3015	B-4
		Q3017	C-4
		Q3018	B-4
		Q3105	B-2
		Q3106	B-2
		Q3204	C-3
		Q3205	C-3
		Q3206	C-3
		Q3207	C-2
		Q3209	B-3



H-BOARD (FOIL SIDE)
TNPA3523AF (PA50A)
TNPA3523AE (PA50H/M)

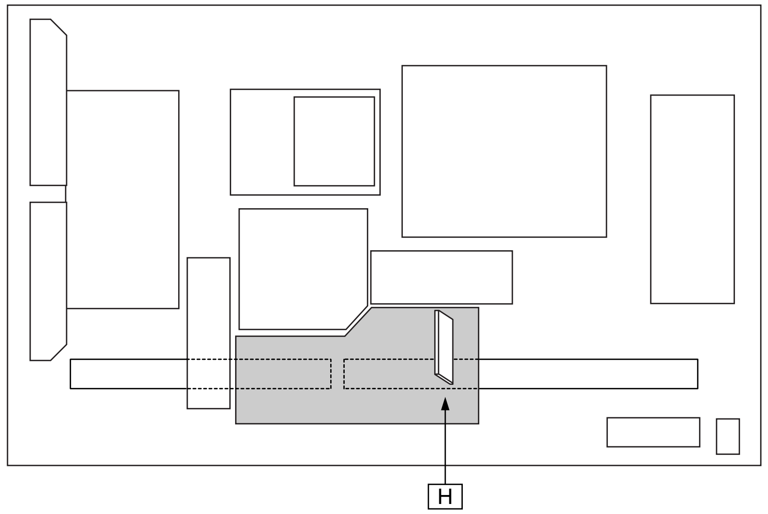

TNPA3523
SEE REVERSE FOR ORDER NO.
PbF
AV1
AV2
AV4
MONITOR
JK3100
JK2003
JK3001
JK2001
IC3006
IC2104
C2103
X2101
X2102
X2103
D3100
H5
H12
H53
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

TH-42PA50A H-BOARD TNPA3523AF
TH-37/42PA50H/M H-BOARD TNPA3523AE

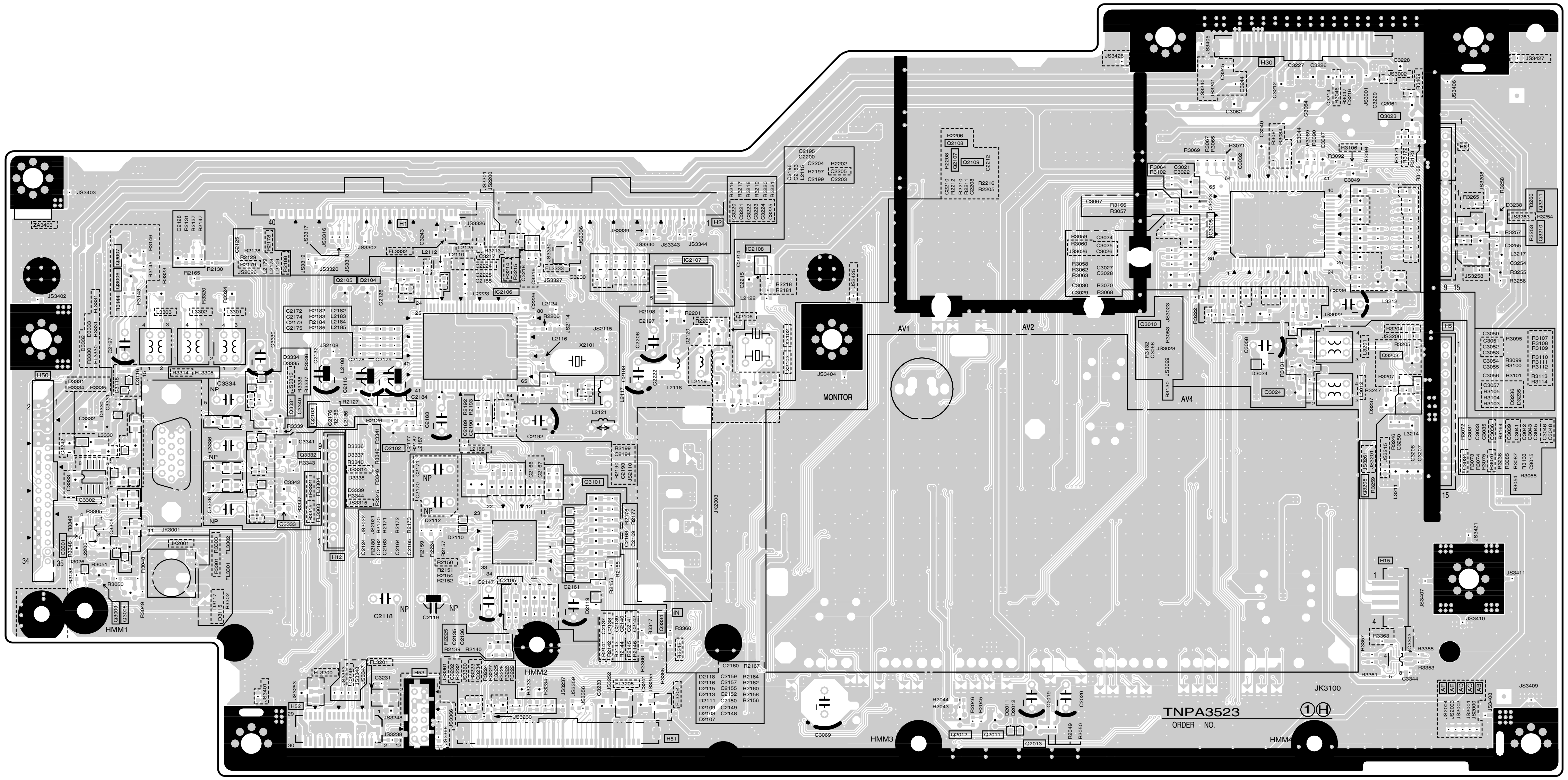
TH-42PA50A H-BOARD TNPA3523AF
TH-37/42PA50H/M H-BOARD TNPA3523AE

Parts Location

H-BOARD (COMPONENT SIDE)	
IC	
IC2105	C-2
IC2106	C-3
IC2107	D-3
IC2108	E-3
IC3005	G-3
IC3301	A-2
IC3302	A-2
IC3303	H-2
TRANSISTOR	
Q2011	F-1
Q2012	F-1
Q2013	F-1
Q2102	C-2
Q2103	C-3
Q2104	C-3
Q2105	C-3
Q2106	E-3
Q2107	F-4
Q2108	F-4
Q2109	F-4
Q3006	B-3
Q3007	B-3
Q3008	B-2
Q3009	B-2
Q3010	G-3
Q3023	H-4
Q3024	G-3
Q3101	D-2
Q3203	H-3
Q3208	H-2
Q3210	H-3
Q3211	H-4
Q3331	B-3
Q3332	B-2
Q3333	B-2
Q3334	D-2



H-BOARD (COMPONENT SIDE)
TNPA3523AF (PA50A)
TNPA3523AE (PA50H/M)

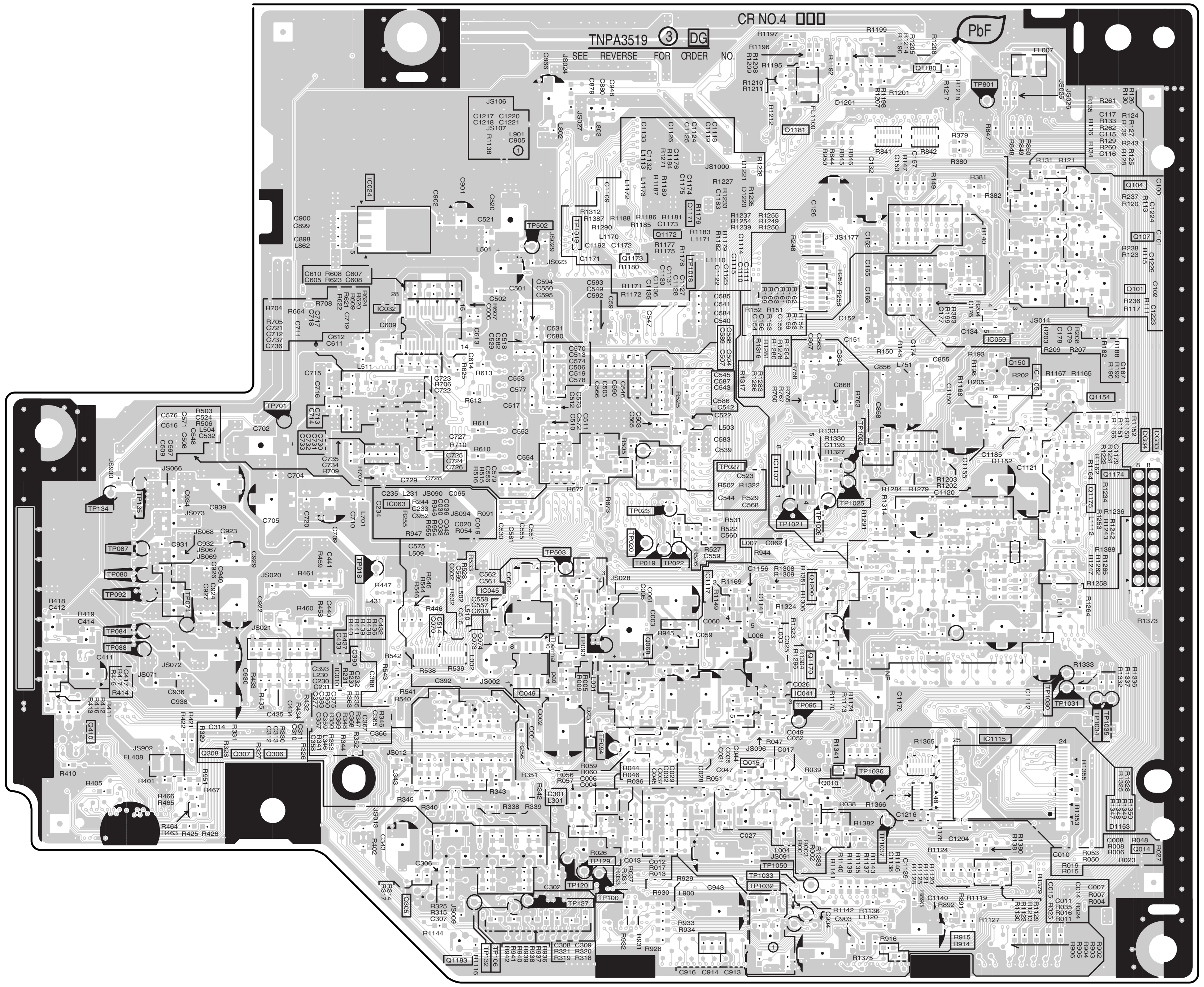

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
AV1
AV2
AV4
MONITOR
TNPA3523
ORDER NO.
JK3100
HMM1
HMM2
HMM3
HMM4

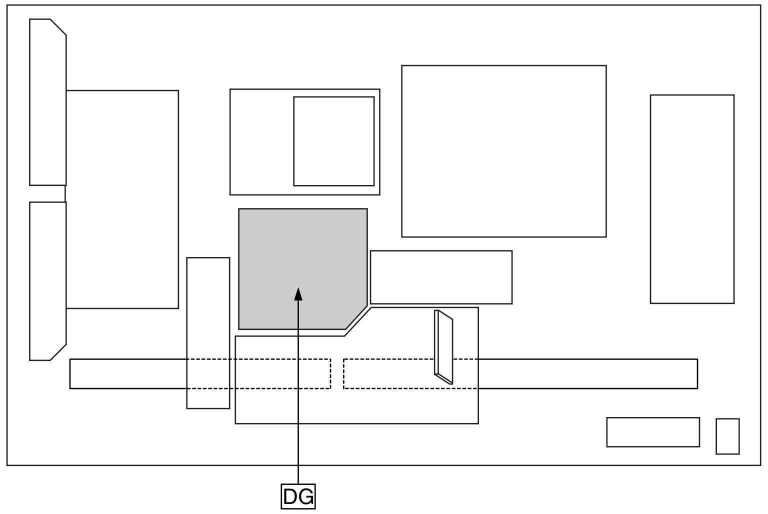
TH-42PA50A H-BOARD TNPA3523AF
TH-37/42PA50H/M H-BOARD TNPA3523AE

TH-42PA50A H-BOARD TNPA3523AF
TH-37/42PA50H/M H-BOARD TNPA3523AE

13.5. DG-Board

DG-BOARD (FOIL SIDE)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)





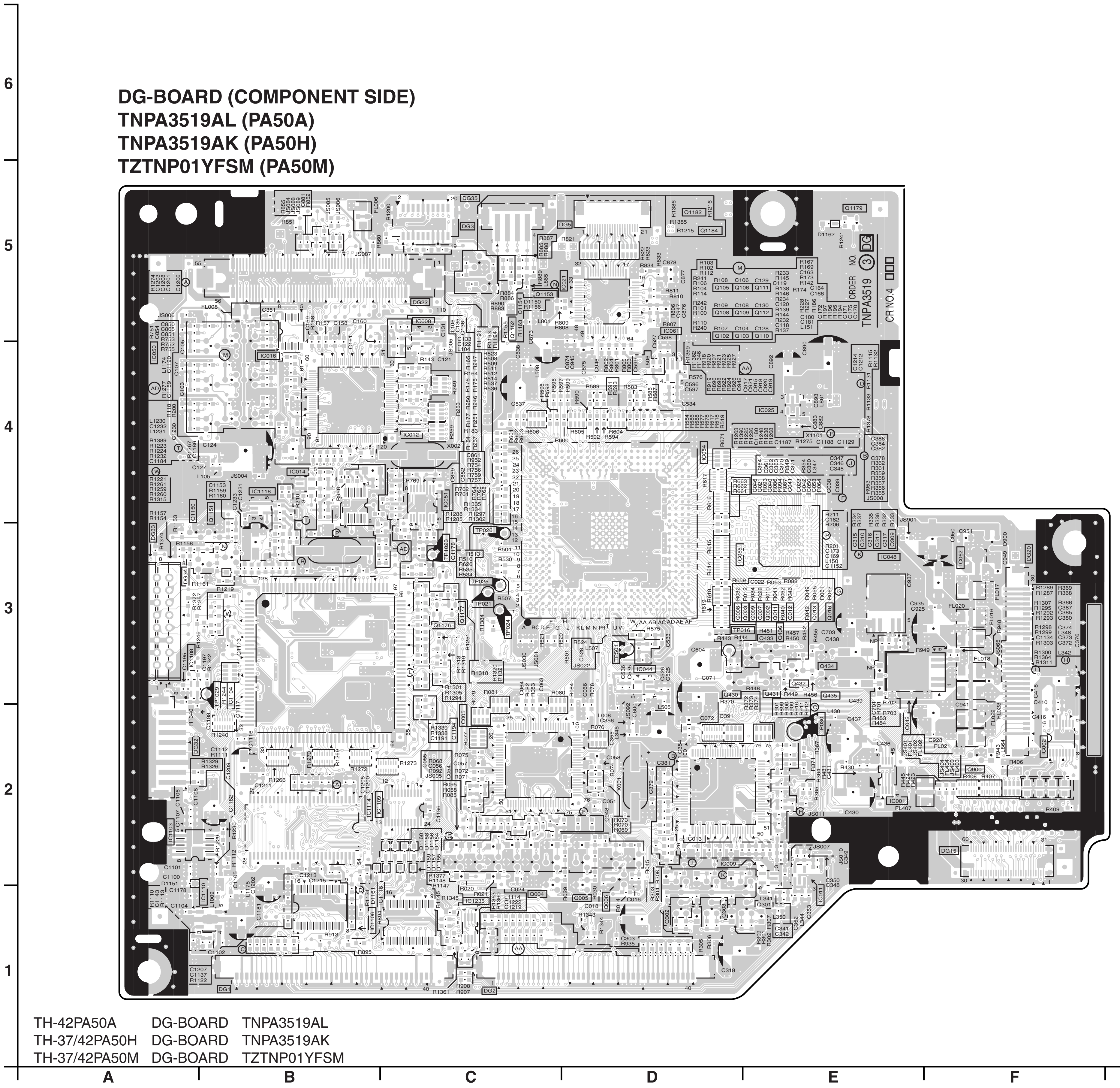
Parts Location

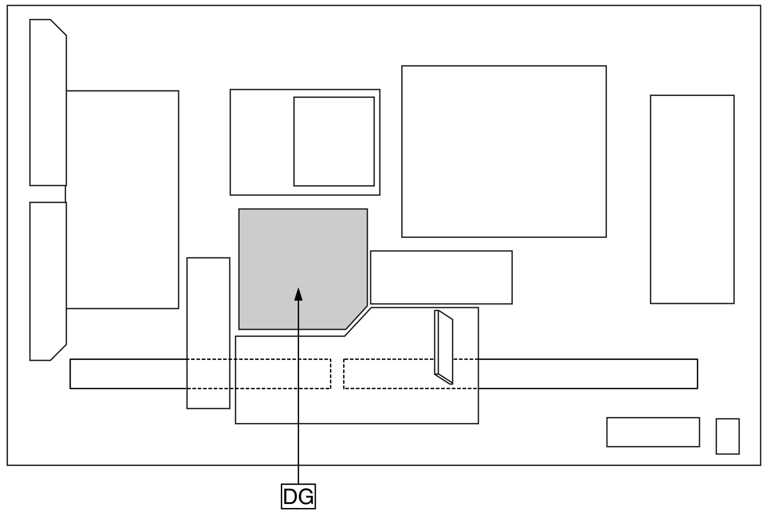
DG-BOARD (FOIL SIDE)					
IC		TRANSISTOR		TP	
IC1105	F-4	Q1154	F-4	TP1018	D-4
IC1107	E-3	Q1170	E-2	TP1019	D-4
IC1115	F-2	Q1171	D-4	TP1021	E-3
IC1117	D-3	Q1172	D-4	TP1024	E-3
IC4010	C-2	Q1173	D-4	TP1025	E-3
IC4024	C-5	Q1174	F-3	TP1026	E-3
IC4032	C-4	Q1175	F-3	TP1030	F-2
IC4041	E-2	Q1180	E-5	TP1031	F-2
IC4045	C-3	Q1181	E-5	TP1032	E-1
IC4049	C-2	Q1183	C-1	TP1033	E-1
IC4059	F-4	Q1200	E-3	TP1034	F-2
IC4063	C-3	Q4010	E-2	TP1035	F-2
		Q4014	F-1	TP1036	E-2
		Q4015	D-2	TP1037	E-2
		Q4068	D-2	TP1050	E-1
		Q4101	F-4	TP4018	C-3
		Q4104	F-5	TP4019	D-3
		Q4107	F-4	TP4020	D-3
		Q4150	F-4	TP4022	D-3
		Q4305	C-1	TP4023	D-3
		Q4306	B-2	TP4027	D-3
		Q4307	B-2	TP4074	B-3
		Q4308	B-2	TP4080	B-3
		Q4410	A-2	TP4084	B-2
				TP4087	B-3
				TP4088	B-2
				TP4092	B-3
				TP4093	D-2
				TP4094	D-2
				TP4095	E-2
				TP4100	D-1
				TP4106	C-1
				TP4120	D-1
				TP4127	D-1
				TP4129	D-1
				TP4132	C-1
				TP4134	B-3
				TP4135	B-3
				TP4502	C-4
				TP4503	D-3
				TP4701	B-4
				TP4801	F-5

TH-42PA50A	DG-BOARD	TNPA3519AL
TH-37/42PA50H	DG-BOARD	TNPA3519AK
TH-37/42PA50M	DG-BOARD	TZTNP01YFSM

TH-42PA50A DG-BOARD TNPA3519AL
TH-37/42PA50H DG-BOARD TNPA3519AK
TH-37/42PA50M DG-BOARD TZTNP01YFSM

DG-BOARD (COMPONENT SIDE)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)





Parts Location

DG-BOARD (COMPONENT SIDE)

IC	
IC1103	A-2
IC1104	B-3
IC1106	B-1
IC1108	A-3
IC1109	B-2
IC1110	B-1
IC1114	B-2
IC1116	C-1
IC1118	B-4
IC1235	C-1
IC4001	E-2
IC4002	F-2
IC4005	C-2
IC4008	C-5
IC4009	D-2
IC4011	E-1
IC4012	C-4
IC4013	D-2
IC4014	B-4
IC4016	B-4
IC4021	D-5
IC4025	E-4
IC4042	E-2
IC4044	D-3
IC4048	E-3
IC4050	A-4
IC4051	C-4
IC4054	D-4
IC4055	D-3
IC4061	D-5
IC4062	F-3

TRANSISTOR	
Q1150	A-4
Q1151	B-4
Q1152	C-5
Q1153	C-5
Q1176	C-3
Q1177	C-3
Q1178	C-3
Q1179	E-5
Q1182	D-5
Q1184	D-5
Q4002	E-3
Q4003	E-3
Q4004	C-1
Q4005	D-1
Q4006	D-1
Q4007	E-3
Q4008	D-3
Q4009	E-3
Q4011	E-3
Q4012	E-3
Q4013	E-3
Q4016	E-3
Q4102	D-5
Q4103	D-5
Q4105	D-5
Q4106	D-5
Q4108	D-5
Q4109	D-5
Q4110	E-5
Q4111	E-5
Q4112	E-5
Q4013	E-3
Q4016	E-3
Q4102	D-5
Q4103	D-5
Q4105	D-5
Q4106	D-5
Q4108	D-5
Q4109	D-5
Q4110	E-5
Q4111	E-5
Q4112	E-5
Q4301	E-1
Q4302	D-1
Q4303	D-1
Q4309	E-3
Q4310	E-3
Q4311	E-3
Q4430	D-3
Q4431	E-3
Q4432	E-3
Q4433	E-3
Q4434	E-3
Q4435	E-3
Q4436	E-3
Q4900	F-2

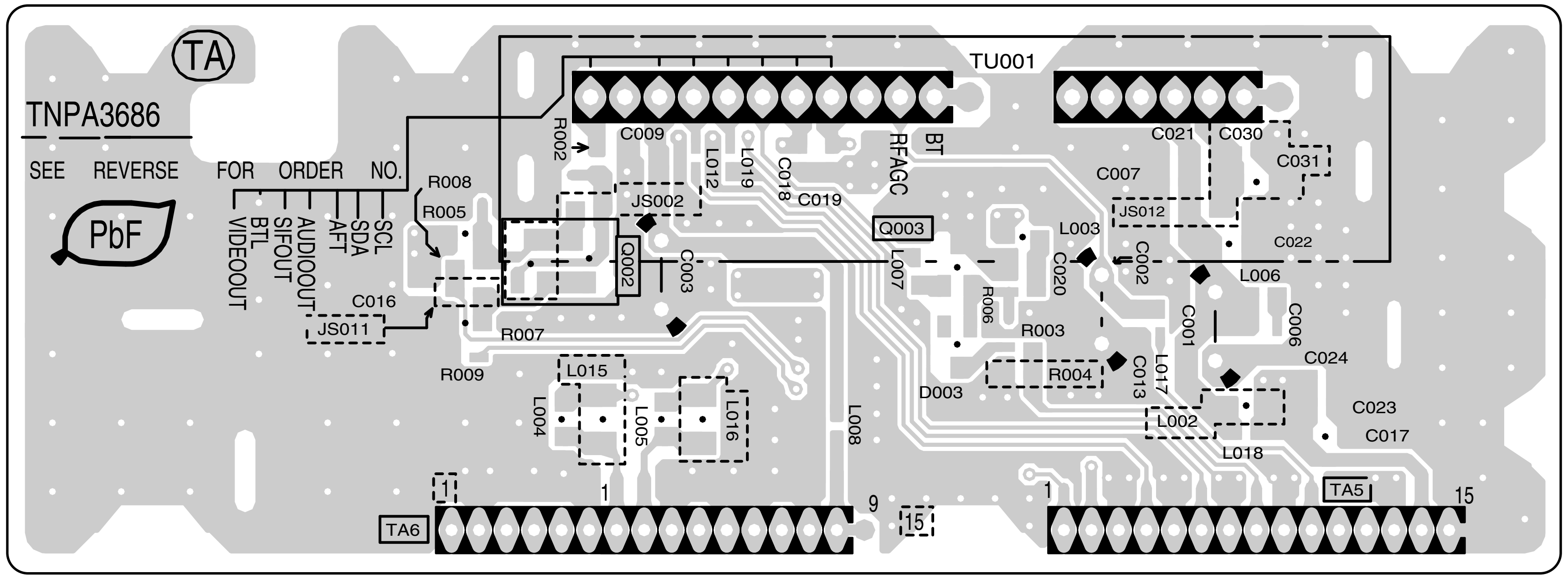
TP	
TP1023	C-3
TP1029	B-3
TP4016	D-3
TP4021	C-3
TP4024	C-3
TP4025	C-3
TP4026	C-3
TP4030	E-2
TP4501	D-3

TH-42PA50A	DG-BOARD	TNPA3519AL
TH-37/42PA50H	DG-BOARD	TNPA3519AK
TH-37/42PA50M	DG-BOARD	TZTNP01YFSM

TH-42PA50A DG-BOARD TNPA3519AL
TH-37/42PA50H DG-BOARD TNPA3519AK
TH-37/42PA50M DG-BOARD TZTNP01YFSM

13.6. TA-Board

TA-BOARD (FOIL SIDE)
TNPA3686 (PA50A)


TA
TNPA3686
SEE REVERSE FOR ORDER NO.
PbF
VIDEOOUT
BTL
SIFOUT
AUDIOOUT
AFT
SDA
SCL
TU001
R002
C009
L012
L019
C018
C019
RFAGC
BT
C021
C030
C031
C007
JS012
R008
R005
JS002
Q003
L003
C002
C022
L006
Q002
C003
L007
R006
C020
C001
C006
C024
C016
JS011
R007
R003
R004
C013
L017
R009
L015
D003
C023
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L005
L016
L008
L002
C017
L018
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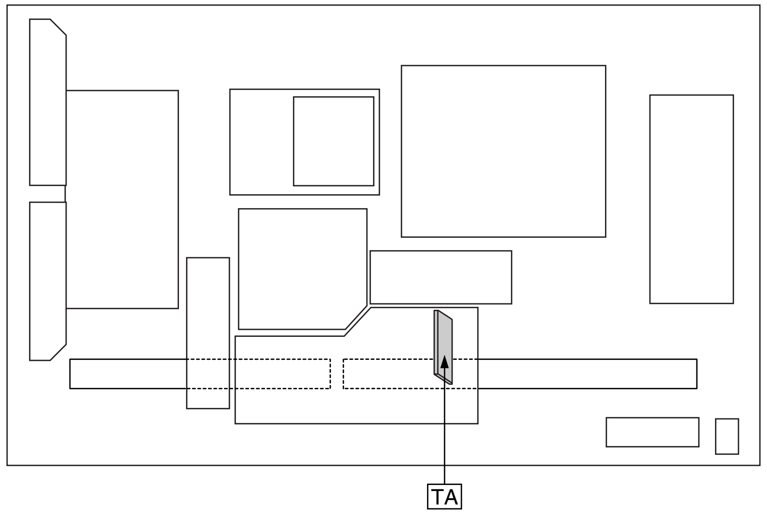
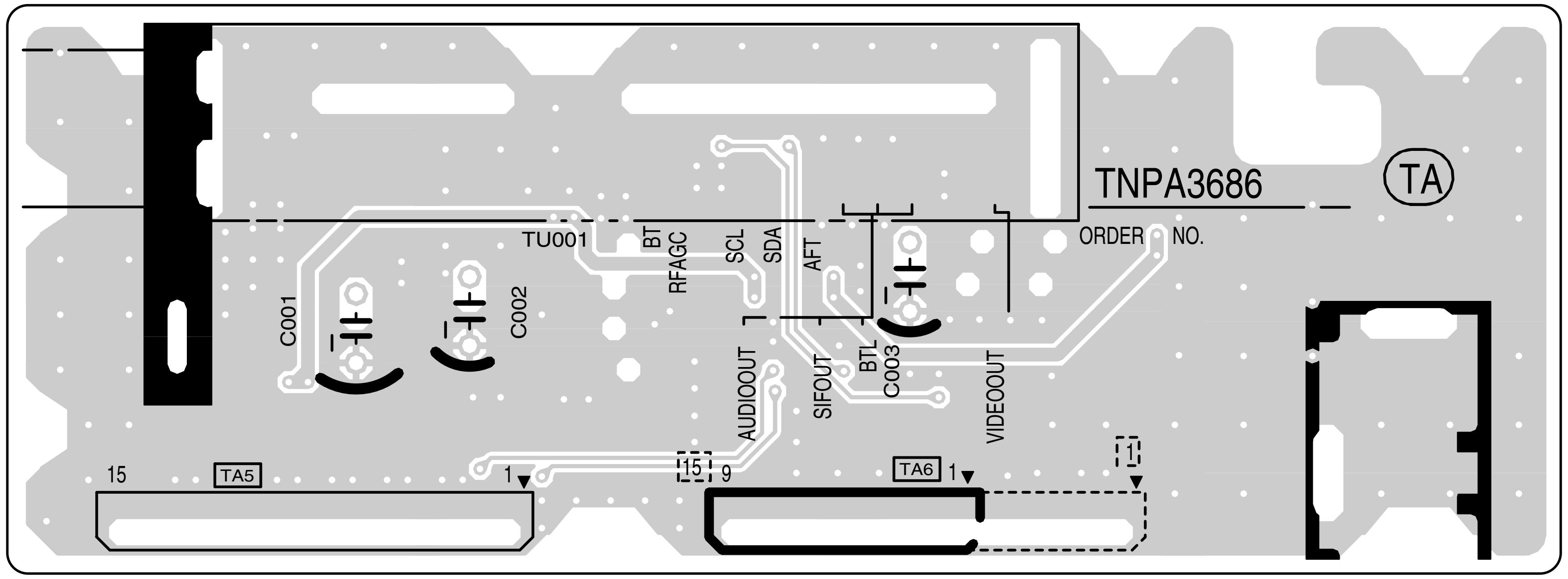
TA6
TA5
1
15



Parts Location

TA-BOARD	
TRANSISTOR	
Q002	C-5
Q003	D-5

TA-BOARD (COMPONENT SIDE)
TNPA3686 (PA50A)


TNPA3686
TA
ORDER NO.
TU001
BT
RFAGC
SCL
SDA
AFT
C001
C002
AUDIOOUT
SIFOUT
BTL
C003
VIDEOOUT
15
TA5
1
15
9
TA6
1
1

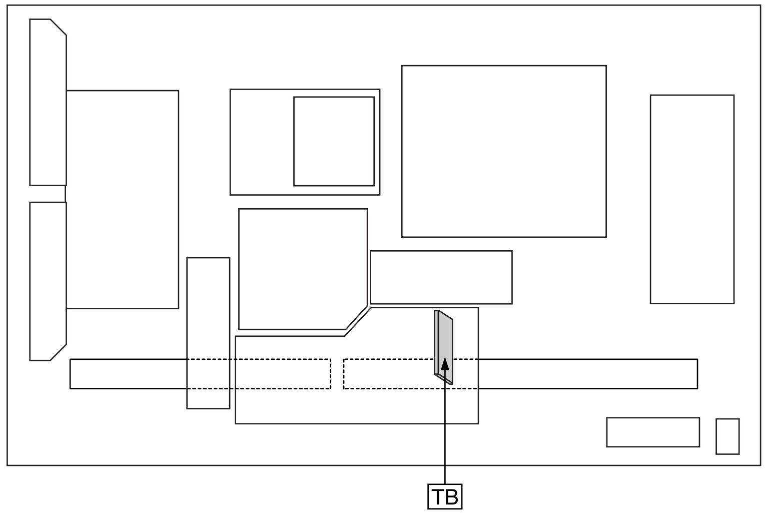
TH-42PA50A
TA-BOARD TNPA3686

TH-42PA50A
TA-BOARD TNPA3686

6 5 4 3 2 1

A B C D E F G H I

13.7. TB-Board

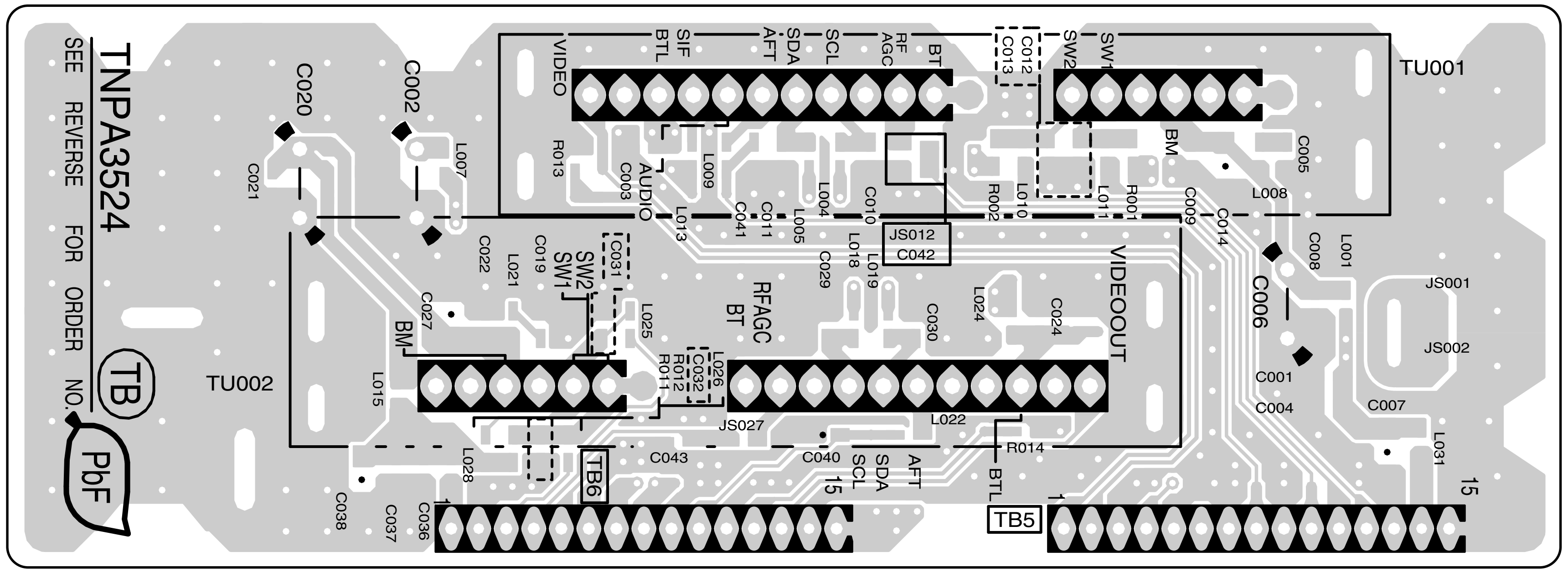


6

5

4

TB-BOARD (FOIL SIDE)
TNPA3524 (PA50H/M)


TNPA3524
SEE REVERSE FOR ORDER NO.
TB
PbF
TU001
TU002
VIDEO
BTL
SIF
AFT
SDA
SCL
RF AGC
BT
SW2
SW1
BM
AUDIO
RFAGC
BT
SW2
SW1
VIDEOOUT
SCL
SDA
AFT
BTL
TB5
TB6
1
15
C001
C002
C003
C004
C005
C006
C007
C008
C009
C010
C011
C012
C013
C014
C019
C020
C021
C022
C024
C027
C029
C030
C031
C032
C036
C037
C038
C040
C041
C042
C043
L001
L004
L005
L007
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L009
L010
L011
L013
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L018
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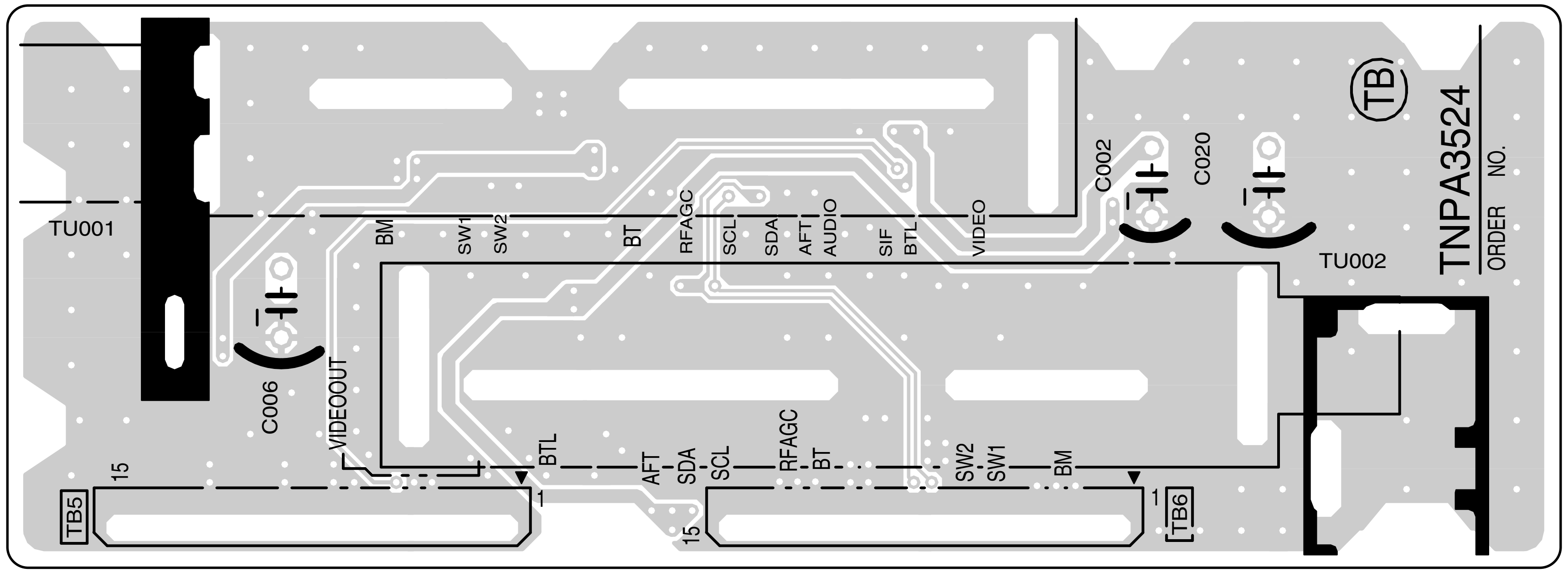
L021
L022
L024
L025
L026
L028
L031
R001
R002
R011
R012
R013
R014
JS001
JS002
JS012
JS027

3

2

TB-BOARD (COMPONENT SIDE)
TNPA3524 (PA50H/M)


TU001
TU002
TNPA3524
ORDER NO.
TB
C002
C020
C006
BM
SW1
SW2
BT
RFAGC
SCL
SDA
AFT
AUDIO
SIF
BTL
VIDEO
VIDEOOUT
BTL
AFT
SDA
SCL
RFAGC
BT
SW2
SW1
BM
TB5
TB6
15
1
1
15

1

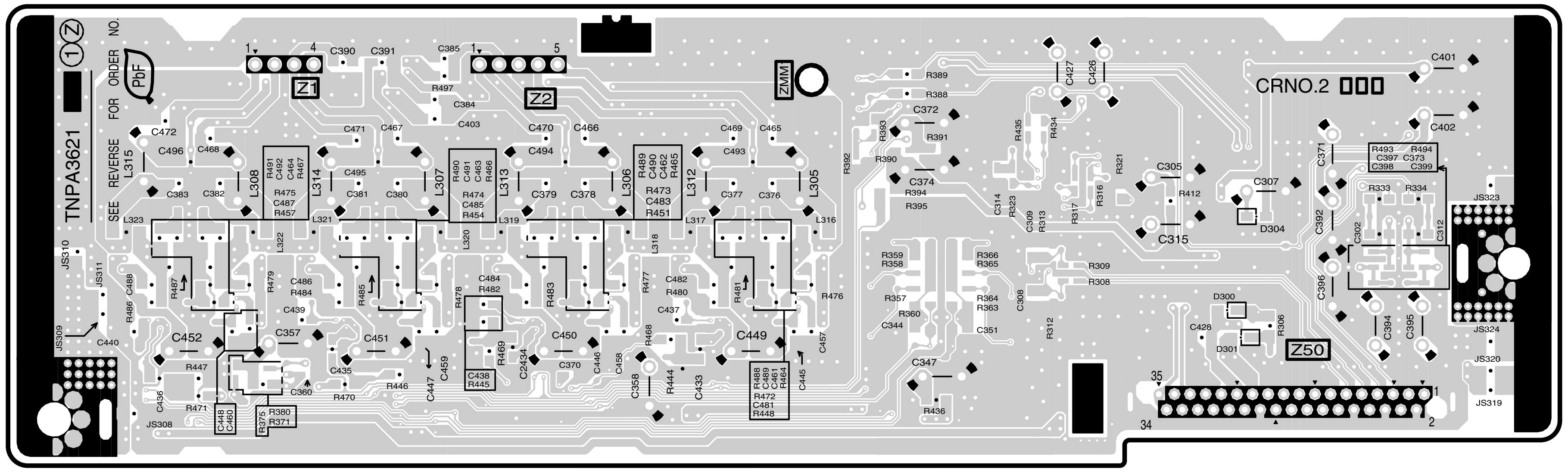
TH-37/42PA50H/M
TB-BOARD TNPA3524

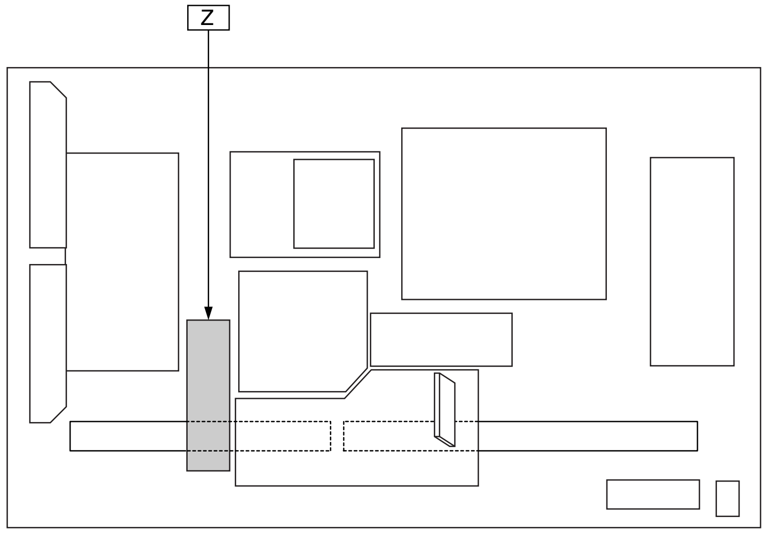
TH-37/42PA50H/M
TB-BOARD TNPA3524

A B C D E F G H I

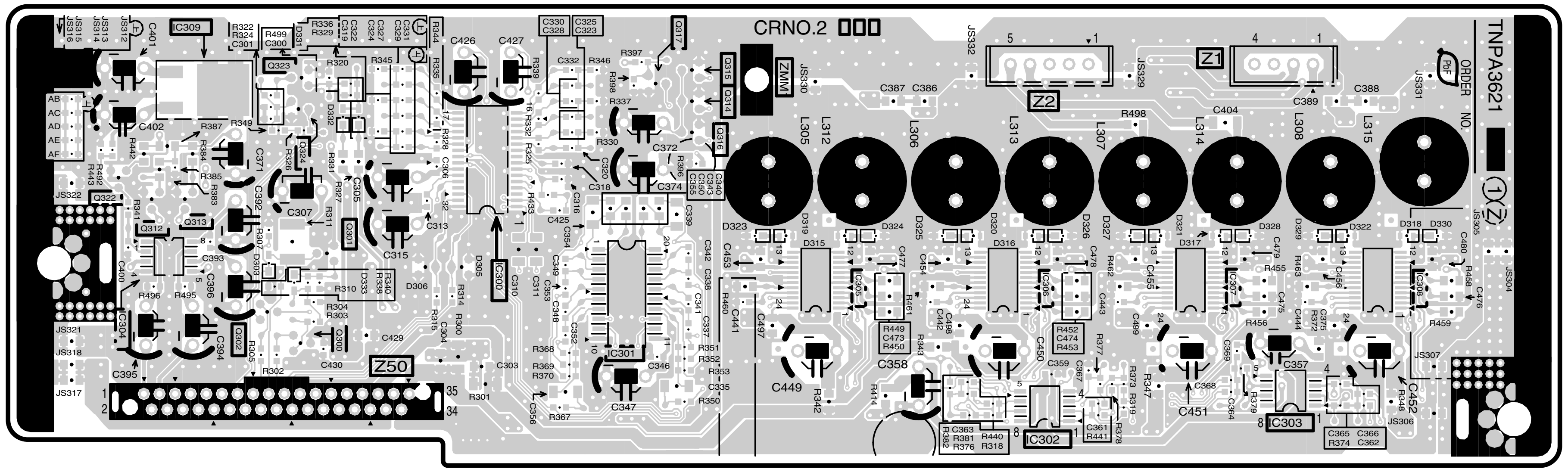
13.8. Z-Board

Z-BOARD (FOIL SIDE)
TNPA3621AE


TNPA3621
SEE REVERSE FOR ORDER NO.
PbF
Z1
Z2
ZMM
Z50
CRNO.2
L315
L308
L314
L307
L313
L306
L312
L305
C452
C451
C450
C449
C315
C305
C307
D304
JS308
JS309
JS310
JS311
JS319
JS320
JS323
JS324
1
2
4
5
34
35



Z-BOARD (COMPONENT SIDE)
TNPA3621AE


TNPA3621
ORDER NO.
PbF
CRNO.2
Z1
Z2
ZMM
Z50
IC300
IC301
IC302
IC303
IC304
IC307
IC309
L305
L312
L306
L313
L307
L314
L308
L315
C449
C450
C451
C452
C358
C357
C315
C307
C402
C426
C427
Q312
Q313
Q322
Q323
JS317
JS318
JS321
JS322
1
2
34
35

Parts Location

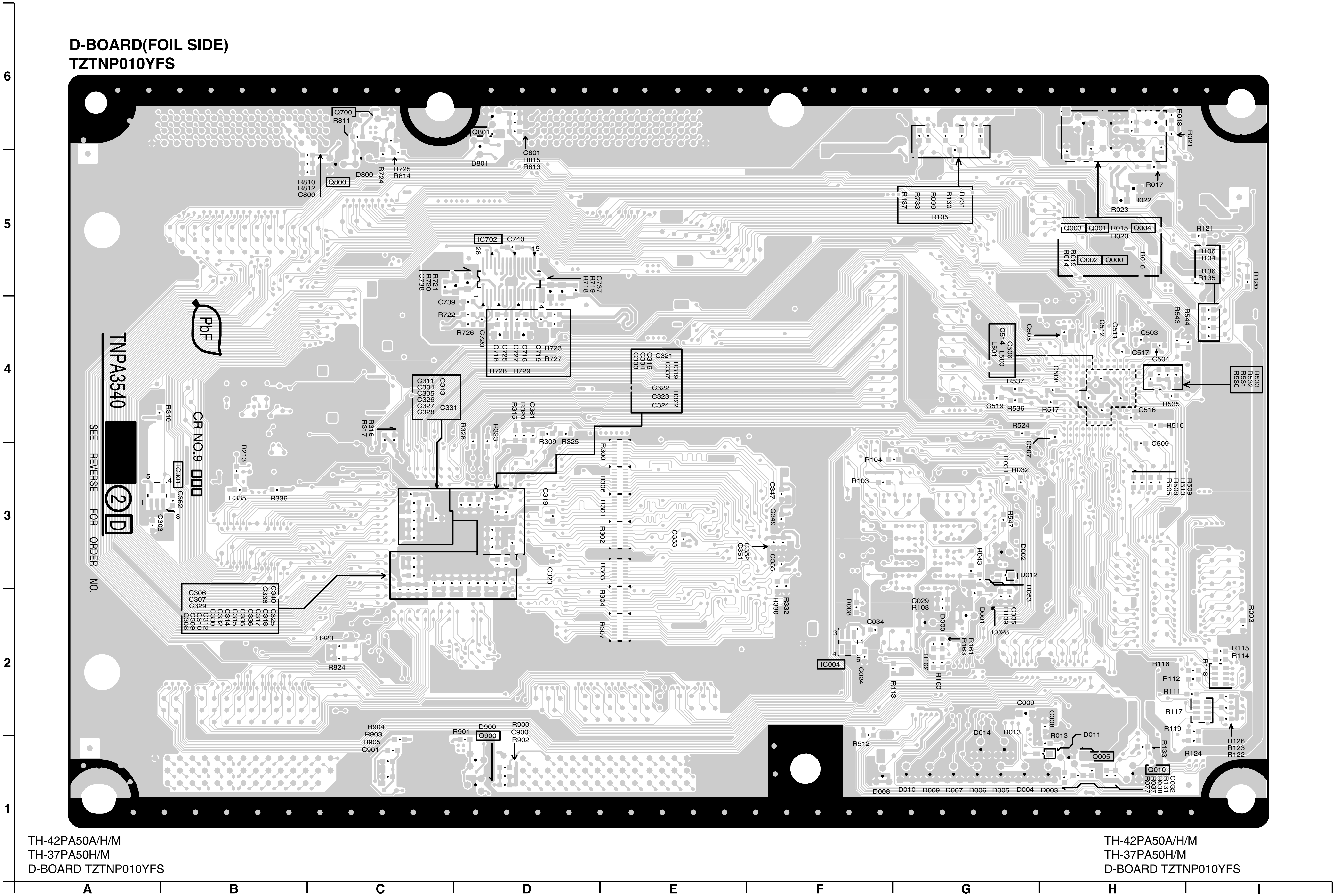
Z-BOARD			
IC		**TRANSISTOR**	
IC2300	C-2	Q2300	B-2
IC2301	C-2	Q2301	B-2
IC2302	E-2	Q2302	B-2
IC2303	F-2	Q2312	A-2
IC2304	A-2	Q2313	B-2
IC2305	D-2	Q2314	D-3
IC2306	E-2	Q2315	D-3
IC2307	E-2	Q2316	D-3
IC2308	F-2	Q2317	C-3
IC2309	A-3	Q2322	A-2
		Q2323	B-3
		Q2324	B-3

TH-42PA50A/H/M
TH-37PA50H/M
Z-BOARD TNPA3621AE

TH-42PA50A/H/M
TH-37PA50H/M
Z-BOARD TNPA3621AE

13.9. D-Board

D-BOARD(FOIL SIDE)
TZTNP010YFS


6
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1
A
B
C
D
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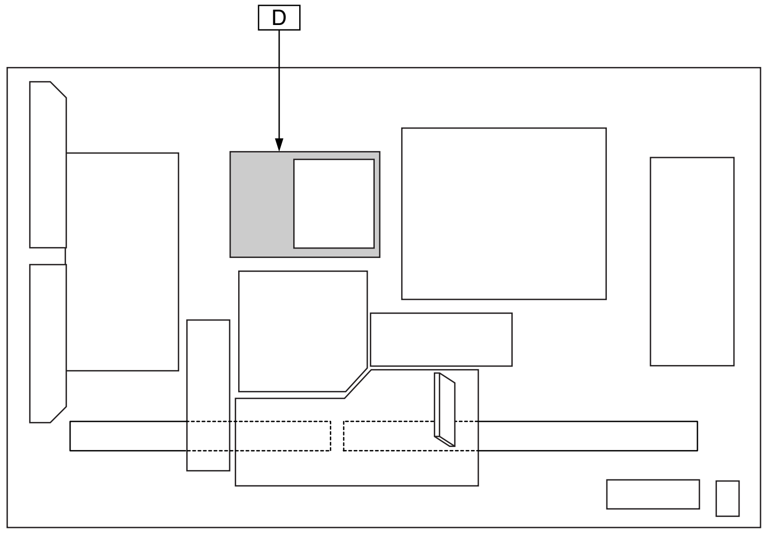
F
G
H
I
TNPA3540
SEE REVERSE FOR ORDER NO.
CR NO.9
2
D
PbF
Q700
R811
Q801
D801
C801
R815
R813
R725
R814
R724
D800
R810
R812
C800
Q800
IC702
C740
R721
R720
C738
C737
R719
R718
C739
R722
R726
C720
C725
C718
C727
C716
C719
R723
R727
R728
R729
C311
C304
C305
C326
C327
C328
C313
C331
C321
C337
C316
C334
C333
R319
C322
C323
C324
R322
R316
R317
R328
R323
R315
R320
C361
R309
R325
R300
R306
R301
R302
R303
R304
R307
R310
R213
IC301
C362
C303
R335
R336
C319
C320
C353
C347
C349
C352
C351
C355
R332
R330
C306
C307
C329
C340
C338
C325
C308
C309
C310
C312
C330
C332
C314
C315
C335
C317
C336
C318
R923
R824
R904
R903
R905
C901
R901
D900
Q900
R900
C900
R902
R137
R733
R099
R130
R731
R105
R018
R021
R017
R022
R023
Q003
Q001
R015
Q004
R020
R019
R014
Q002
Q000
R016
R121
R106
R134
R136
R135
R120
R544
R543
C505
C512
C511
C503
C517
C504
C506
C514
L500
L501
R537
C508
R533
R532
R531
R530
C519
R536
R517
C516
R535
R524
R516
C507
C509
R104
R031
R032
R103
R509
R510
R508
R505
R547
D002
R043
D012
R053
R008
C029
R108
C034
D000
D001
R139
C035
C028
IC004
C024
R161
R163
R162
R160
R113
R093
R115
R114
R116
R118
R112
R111
R117
R119
C009
C008
D014
D013
R013
D011
Q005
R133
R124
R126
R123
R122
R512
Q010
C032
R131
R038
R037
R077
D008
D010
D009
D007
D006
D005
D004
D003

TH-42PA50A/H/M
TH-37PA50H/M
D-BOARD TZTNP010YFS

TH-42PA50A/H/M
TH-37PA50H/M
D-BOARD TZTNP010YFS



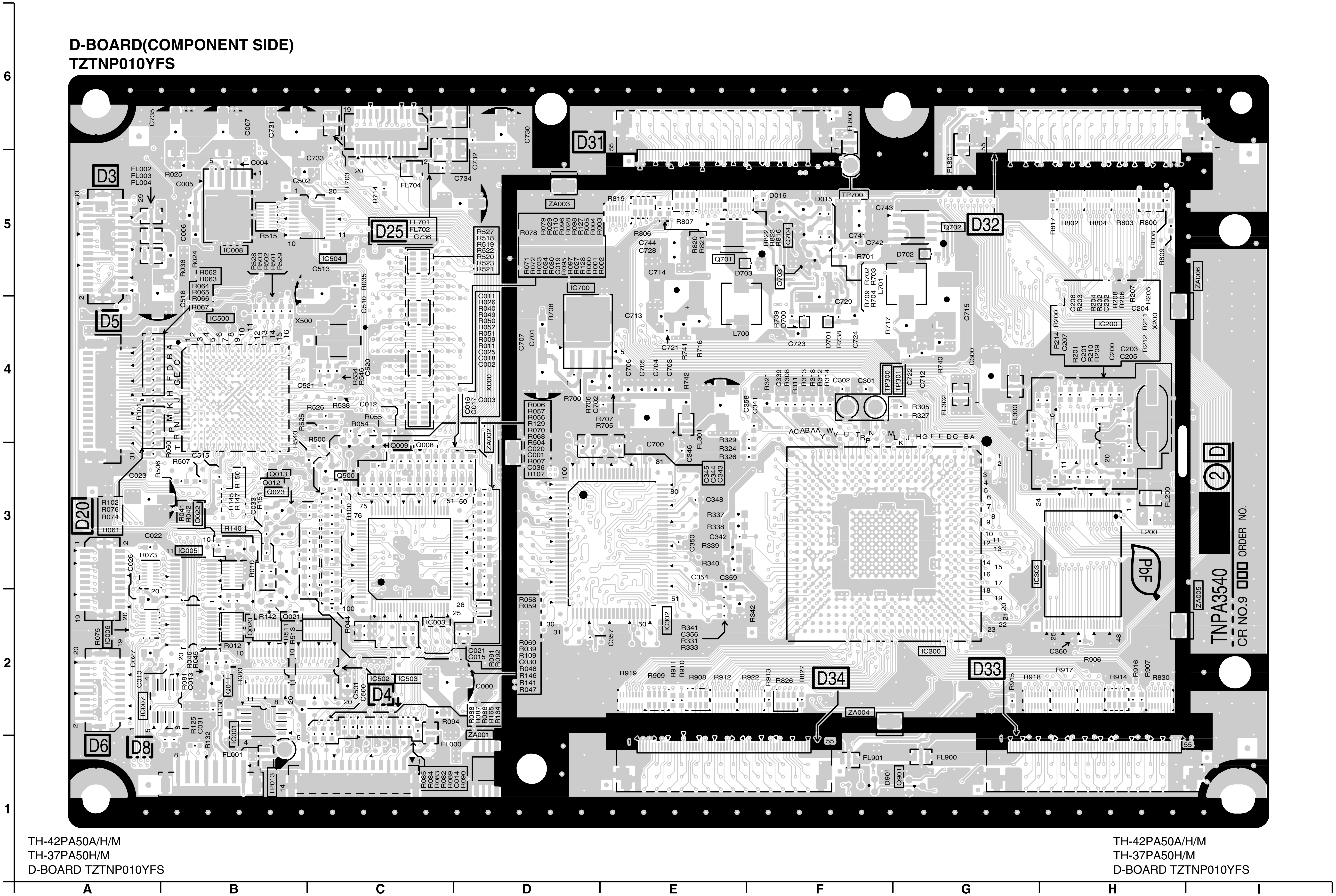
Parts Location

D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9004	F-2	Q9000	H-5
IC9301	B-3	Q9001	H-5
IC9702	D-5	Q9002	H-5
		Q9003	H-5
		Q9004	H-5
		Q9005	H-1
		Q9010	H-1
		Q9700	C-6
		Q9800	C-5
		Q9801	D-6
		Q9900	D-1

Parts Location

D-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC9001	B-1	Q9008	C-3	TP9013	B-1
IC9003	C-2	Q9009	C-3	TP9300	F-4
IC9005	B-3	Q9011	B-2	TP9301	F-4
IC9006	A-2	Q9012	B-3		
IC9007	A-2	Q9013	B-3		
IC9008	B-5	Q9020	B-2		
IC9200	H-4	Q9021	B-2		
IC9300	G-2	Q9022	B-3		
IC9302	E-2	Q9023	B-3		
IC9303	G-2	Q9500	C-3		
IC9500	B-4	Q9701	E-5		
IC9502	C-2	Q9702	G-5		
IC9503	C-2	Q9703	F-5		
IC9504	C-5	Q9704	F-5		
IC9700	D-5	Q9901	G-1		

D-BOARD(COMPONENT SIDE)
TZTNP010YFS


6
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A
B
C
D
E
F
G
H
I
D3
D5
D20
D6
D8
D25
D4
D31
D32
D33
D34
IC008
IC500
IC504
IC005
IC006
IC007
IC001
IC003
IC502
IC503
IC700
IC200
IC302
IC300
IC303
ZA001
ZA002
ZA003
ZA004
ZA005
ZA006
TP013
TP700
TP300
TP301
X500
X000
X200
L700
L200
FL000
FL001
FL200
FL300
FL301
FL302
FL701
FL702
FL703
FL704
FL800
FL801
FL900
FL901
2 D
TNPA3540
CR NO.9 ☐☐☐ ORDER NO.
PbF

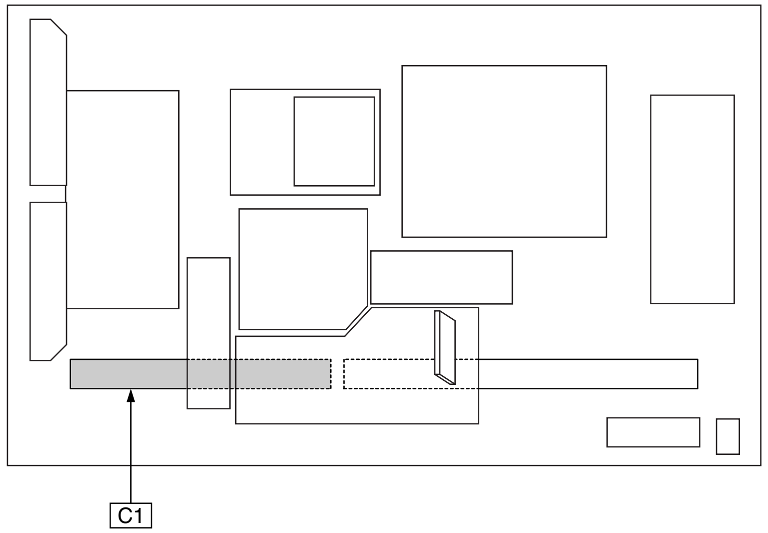
TH-42PA50A/H/M
TH-37PA50H/M
D-BOARD TZTNP010YFS

TH-42PA50A/H/M
TH-37PA50H/M
D-BOARD TZTNP010YFS

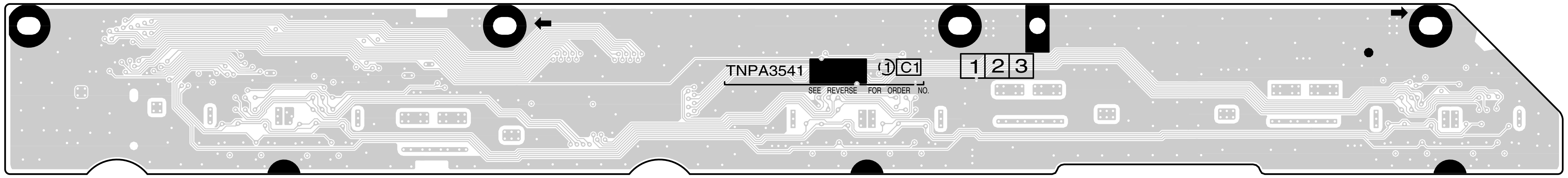
13.10. C1-Board (37 inch)

Parts Location

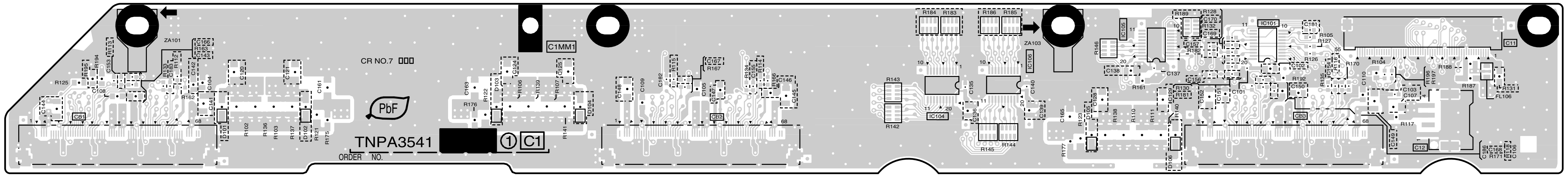
C1-BOARD	
IC	
IC7101	G-2
IC7104	F-2
IC7105	G-2
IC7106	F-2



C1-BOARD (FOIL SIDE)
TNPA3541


TNPA3541
① C1
1 2 3
SEE REVERSE FOR ORDER NO.

C1-BOARD (COMPONENT SIDE)
TNPA3541


ZA101
CR NO.7
C1MM1
PbF
TNPA3541
① C1
ORDER NO.
ZA103
IC101
IC104
FL106
R125
R142
R143
R144
R145
R161
R176
R117
R187
R188

6
5
4
3
2
1

TH-37PA50H/M
C1-BOARD TNPA3541

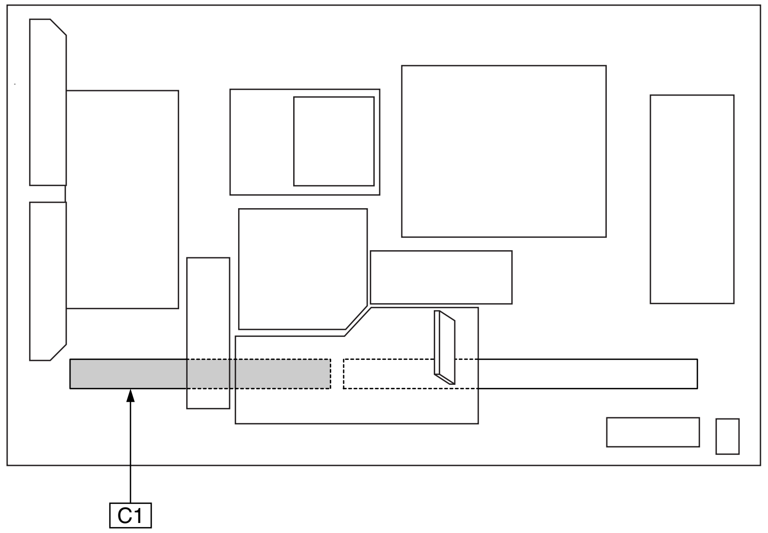
TH-37PA50H/M
C1-BOARD TNPA3541

A B C D E F G H I

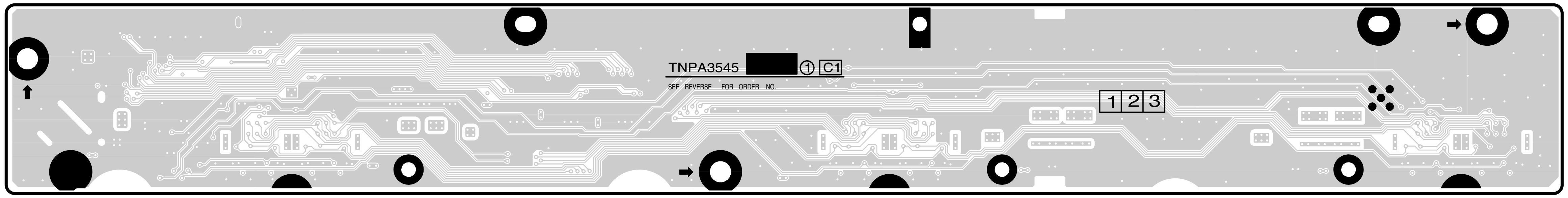
13.11. C1-Board (42 inch)

Parts Location

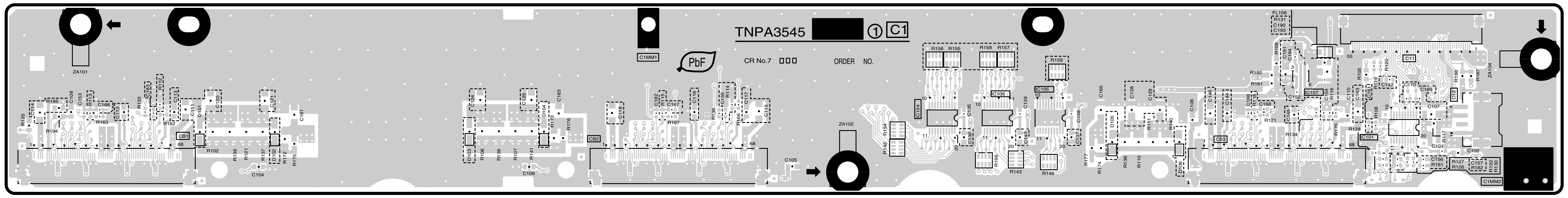
C1-BOARD	
IC	
IC7101	H-1
IC7104	E-2
IC7105	F-2
IC7106	F-2
IC7107	G-2



C1-BOARD(FOIL SIDE)
TNPA3545


TNPA3545
①
C1
SEE REVERSE FOR ORDER NO.
1 2 3

C1-BOARD(COMPONENT SIDE)
TNPA3545


TNPA3545
①
C1
CR No.7
ORDER NO.
PbF
ZA101
ZA102
ZA104
C1MM1
C1MM2
C104
C105
C109
R143
R146

TH-42PA50A/H/M
C1-BOARD TNPA3545

TH-42PA50A/H/M
C1-BOARD TNPA3545

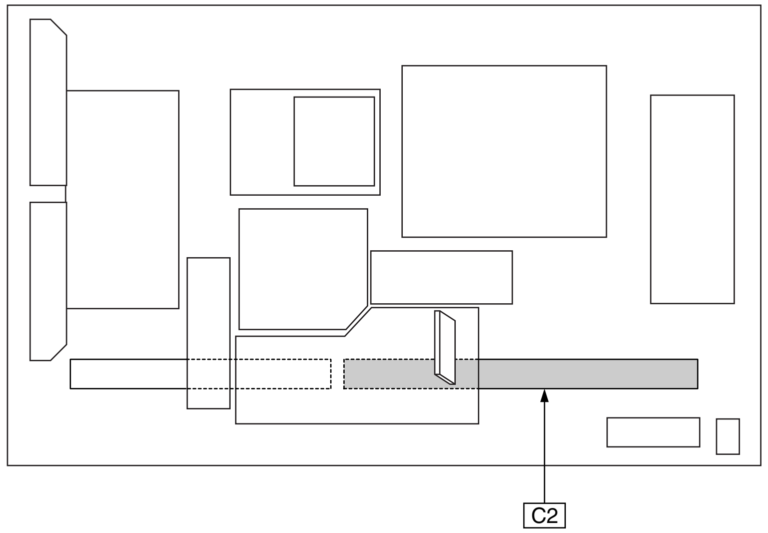
6 5 4 3 2 1

A B C D E F G H I

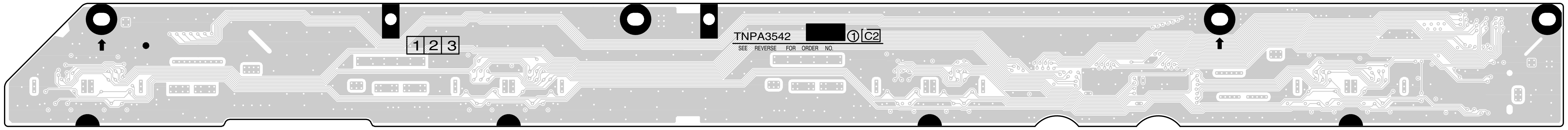
13.12. C2-Board (37 inch)

Parts Location

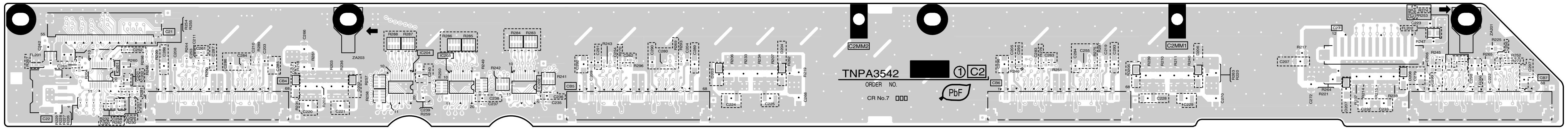
C2-BOARD	
IC	
IC7201	A-2
IC7202	D-2
IC7203	C-2
IC7204	C-2



C2-BOARD (FOIL SIDE)
TNPA3542


1 2 3
TNPA3542 ① C2
SEE REVERSE FOR ORDER NO.

C2-BOARD (COMPONENT SIDE)
TNPA3542


C2MM2
C2MM1
TNPA3542 ① C2
ORDER NO.
CR No.7
PbF

TH-37PA50H/M
C2-BOARD TNPA3542

TH-37PA50H/M
C2-BOARD TNPA3542

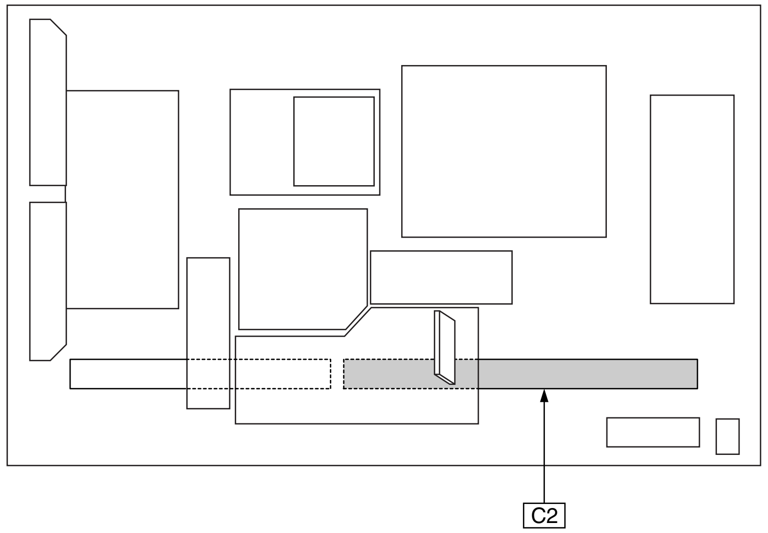
6
5
4
3
2
1

A B C D E F G H I

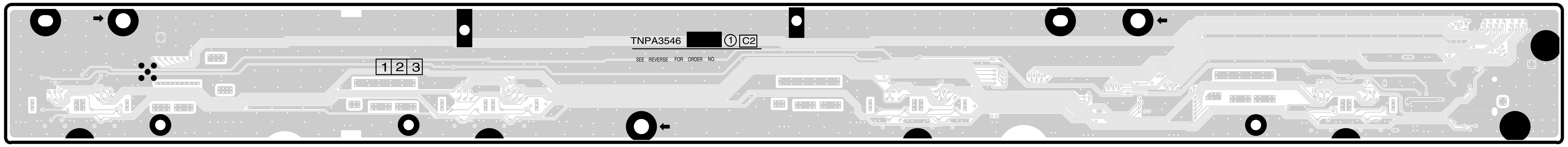
13.13. C2-Board (42 inch)

Parts Location

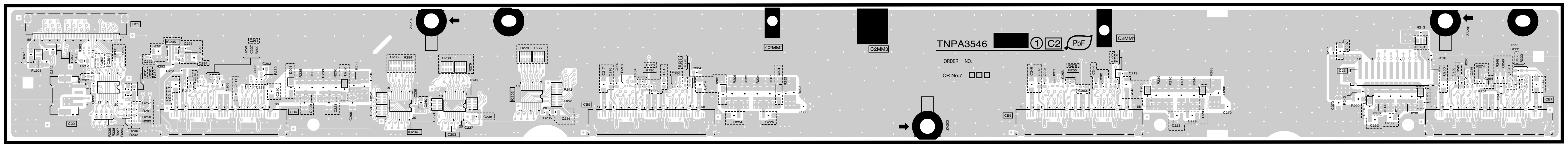
C2-BOARD	
IC	
IC7201	A-2
IC7202	D-2
IC7203	C-2
IC7204	C-2
IC7205	B-2



C2-BOARD(FOIL SIDE)
TNPA3546


TNPA3546
① C2
SEE REVERSE FOR ORDER NO.
1 2 3

C2-BOARD(COMPONENT SIDE)
TNPA3546

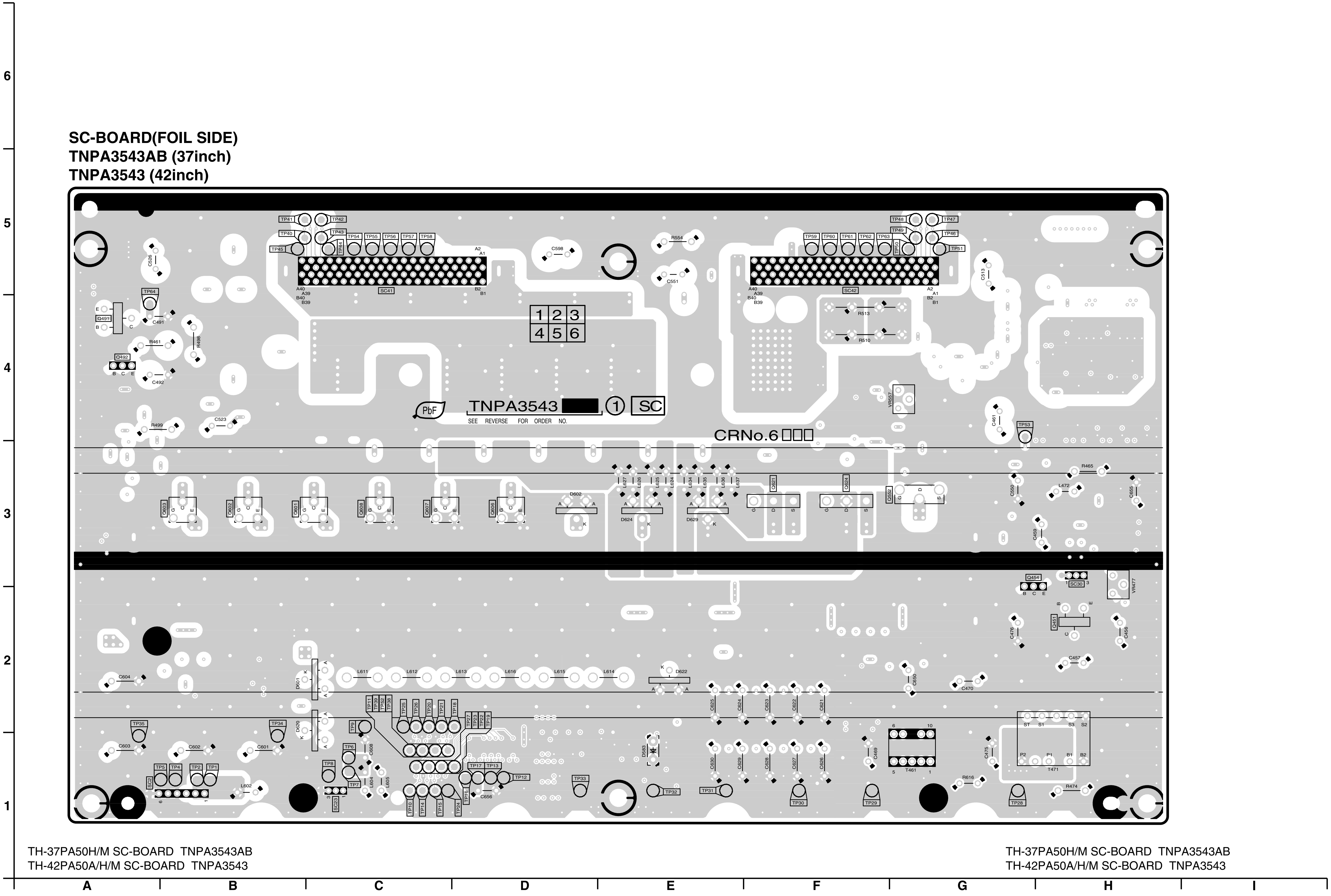

TNPA3546
① C2
PbF
ORDER NO.
CR No.7
C2MM1
C2MM2
C2MM3

TH-42PA50A/H/M
C2-BOARD TNPA3546

TH-42PA50A/H/M
C2-BOARD TNPA3546

13.14. SC-Board

SC-BOARD(FOIL SIDE)
TNPA3543AB (37inch)
TNPA3543 (42inch)


6
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3
2
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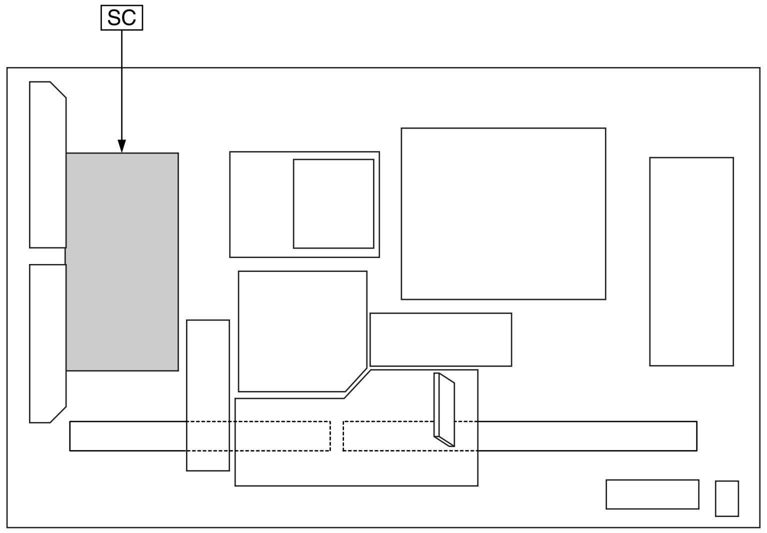
A
B
C
D
E
F
G
H
I
TNPA3543
SC
SEE REVERSE FOR ORDER NO.
PbF
CRNo.6
1 2 3
4 5 6
SC41
SC42
SC23
SC29
SC30
TP41
TP42
TP40
TP43
TP45
TP44
TP54
TP55
TP56
TP57
TP58
TP48
TP47
TP49
TP46
TP50
TP51
TP59
TP60
TP61
TP62
TP63
TP64
TP53
A2
A1
B2
B1
A40
A39
B40
B39
C526
C491
Q491
R461
R498
Q492
C492
R499
C523
C598
R554
C551
R513
R510
C513
VR557
C461
Q603
Q602
Q601
Q608
Q607
Q606
D602
D624
D629
L627
L626
L625
L624
L634
L635
L636
L637
Q621
Q624
Q652
R465
L472
C560
C555
C459
Q454
VR477
Q451
C476
C456
C457
C604
D601
L611
L612
L613
L616
L615
L614
D622
C650
C470
TP35
TP34
D620
C603
C602
C601
TP5
TP4
TP2
TP1
L602
TP8
TP6
TP7
TP9
C608
L604
L605
TP11
TP39
TP37
TP38
TP25
TP26
TP20
TP21
TP18
TP27
TP23
TP22
TP19
TP17
TP13
TP12
TP10
TP14
TP15
TP24
TP16
C656
TP33
D683
TP32
TP31
C625
C624
C623
C622
C621
C630
C629
C628
C627
C626
TP30
C469
T461
TP29
R616
C475
T471
ST
S1
S3
S2
P2
P1
B1
B2
R474
TP28

TH-37PA50H/M SC-BOARD TNPA3543AB
TH-42PA50A/H/M SC-BOARD TNPA3543

TH-37PA50H/M SC-BOARD TNPA3543AB
TH-42PA50A/H/M SC-BOARD TNPA3543



Parts Location

SC-BOARD (FOIL SIDE)

TRANSISTOR

Q6451	H-2
Q6454	H-3
Q6491	A-4
Q6492	A-4
Q6552	G-3
Q6601	C-3
Q6602	B-3
Q6603	B-3
Q6606	D-3
Q6607	C-3
Q6608	C-3
Q6621	F-3
Q6624	F-3

TP

TP6001	B-1
TP6002	B-1
TP6004	B-1
TP6005	B-1
TP6006	C-1
TP6007	C-1
TP6008	C-1
TP6009	C-1
TP6010	C-1
TP6011	C-1
TP6012	D-1
TP6013	D-1
TP6014	C-1
TP6015	C-1
TP6016	D-1
TP6017	D-1
TP6018	C-1
TP6019	C-1
TP6020	C-1
TP6021	C-1
TP6022	C-1
TP6023	C-1
TP6024	C-1
TP6025	C-1
TP6026	C-1
TP6027	C-1
TP6028	G-1
TP6029	F-1
TP6030	F-1
TP6031	E-1
TP6032	E-1
TP6033	D-1
TP6034	B-1
TP6035	B-1
TP6038	C-1
TP6039	C-1
TP6040	C-5
TP6041	C-5
TP6042	C-5
TP6043	C-5
TP6044	C-5
TP6045	C-5
TP6046	G-5
TP6047	G-5
TP6048	G-5
TP6049	G-5
TP6050	G-5
TP6051	G-5
TP6052	C-1
TP6053	G-3
TP6054	C-5
TP6055	C-5
TP6056	C-5
TP6057	C-5
TP6058	C-5
TP6059	F-5
TP6060	F-5
TP6061	F-5
TP6062	F-5
TP6063	F-5
TP6064	B-4

Parts Location

SC-BOARD (COMPONENT SIDE)

IC

IC6451	B-2
IC6452	B-3
IC6453	B-4
IC6454	B-4
IC6455	B-5
IC6456	B-2
IC6471	A-2
IC6472	B-3
IC6491	H-4
IC6501	A-4
IC6502	A-4
IC6511	B-4
IC6512	H-3
IC6521	G-4
IC6541	C-4
IC6542	C-3
IC6543	A-3
IC6581	D-1
IC6601	G-2
IC6602	C-2
IC6605	E-2
IC6606	E-1
IC6607	E-1

TRANSISTOR

Q6451	A-2
Q6454	B-3
Q6461	C-1
Q6462	B-1
Q6463	C-1
Q6471	B-1
Q6472	A-1
Q6474	A-2
Q6476	B-4
Q6477	B-4
Q6491	H-4
Q6492	H-4
Q6501	B-4
Q6502	H-3
Q6503	B-3
Q6504	B-3
Q6505	H-3
Q6511	B-4
Q6512	B-4
Q6520	G-4
Q6521	G-4
Q6522	D-3
Q6523	D-3
Q6524	E-3
Q6525	E-3
Q6526	E-3
Q6527	F-3
Q6528	F-3
Q6530	G-4
Q6541	C-4
Q6542	D-4
Q6543	D-4
Q6544	E-4
Q6545	E-4
Q6546	E-4
Q6547	F-4
Q6548	F-4
Q6549	G-4
Q6551	C-4
Q6552	C-3
Q6553	C-3
Q6554	C-4
Q6555	D-3
Q6581	D-1
Q6582	H-5
Q6583	E-2
Q6584	E-2
Q6601	G-3
Q6602	G-3
Q6603	H-3
Q6606	E-3
Q6607	F-3
Q6608	F-3
Q6611	H-2
Q6612	H-2
Q6613	G-2
Q6614	G-2
Q6621	D-3
Q6624	C-3

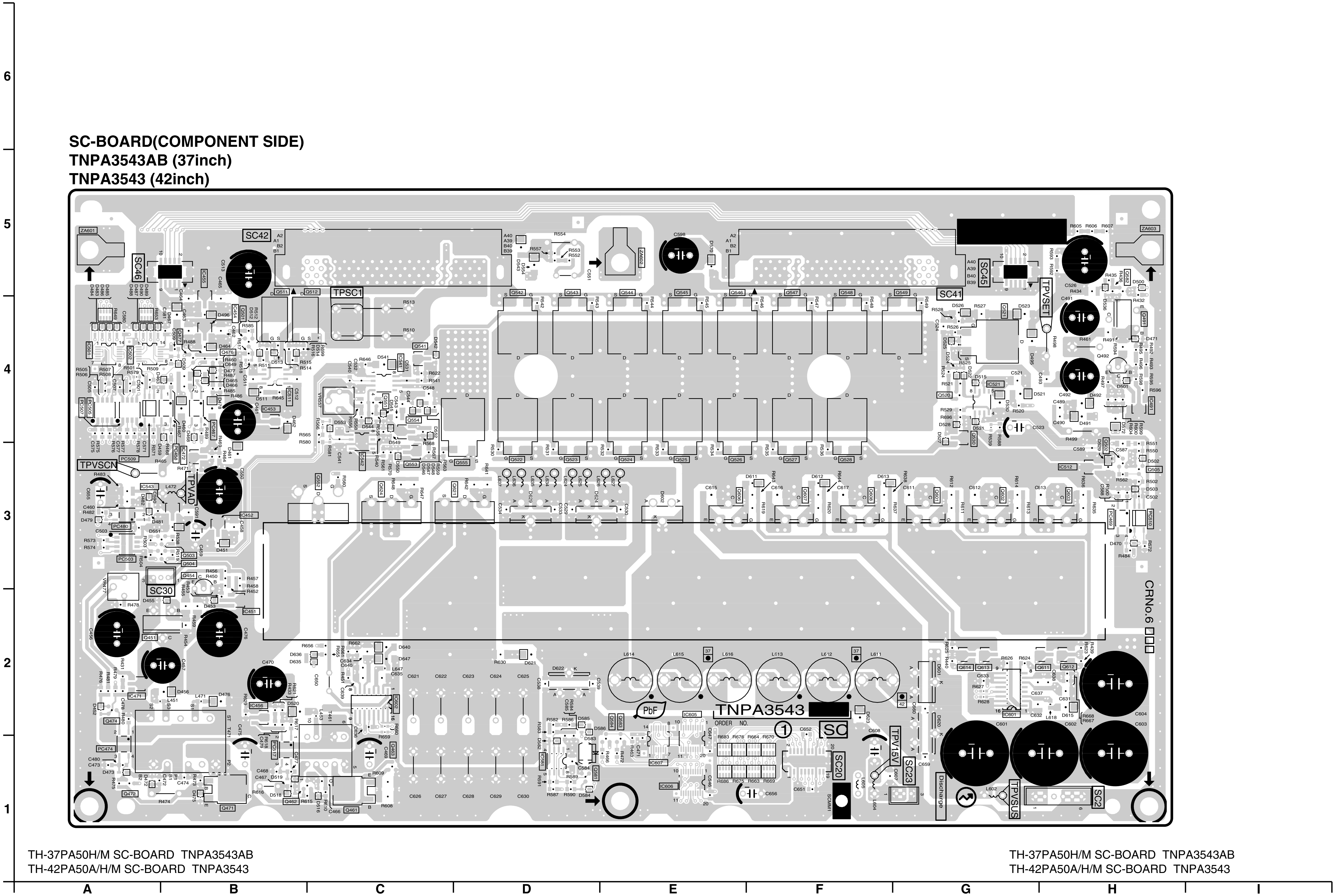
TP

TPSC1	C-5
TPV15V	F-1
TPVAD	B-3
TPVSCN	A-3
TPVSET	G-5
TPVSUS	G-1

TH-42PA50A/H/M, TH-37PA50H/M
SC-BOARD PARTS LOCATION

TH-42PA50A/H/M, TH-37PA50H/M
SC-BOARD PARTS LOCATION

SC-BOARD(COMPONENT SIDE)
TNPA3543AB (37inch)
TNPA3543 (42inch)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
ZA601
ZA603
SC42
SC46
SC45
SC41
TPSC1
TPVSCN
TPVAD
TPVSET
SC30
CRNo.6
PbF
TNPA3543
ORDER NO.
SC
SC20
SC23
TPV15V
TPVSUS
SC2
Discharge

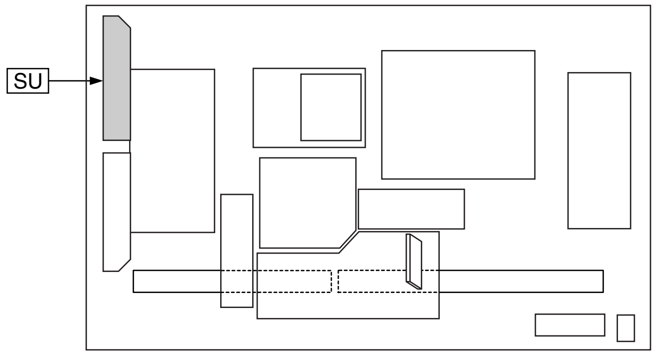
TH-37PA50H/M SC-BOARD TNPA3543AB
TH-42PA50A/H/M SC-BOARD TNPA3543

TH-37PA50H/M SC-BOARD TNPA3543AB
TH-42PA50A/H/M SC-BOARD TNPA3543

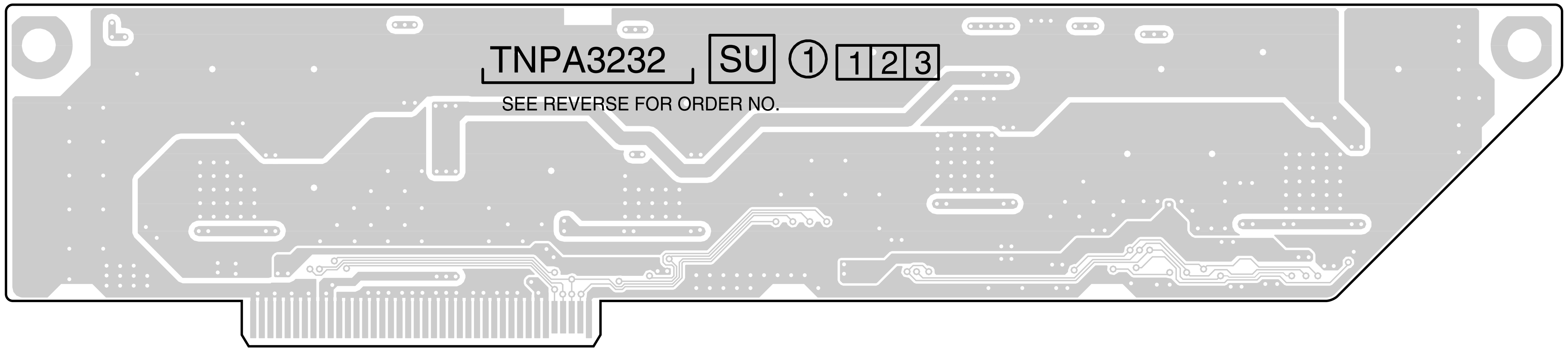
13.15. SU-Board (37 inch)

Parts Location

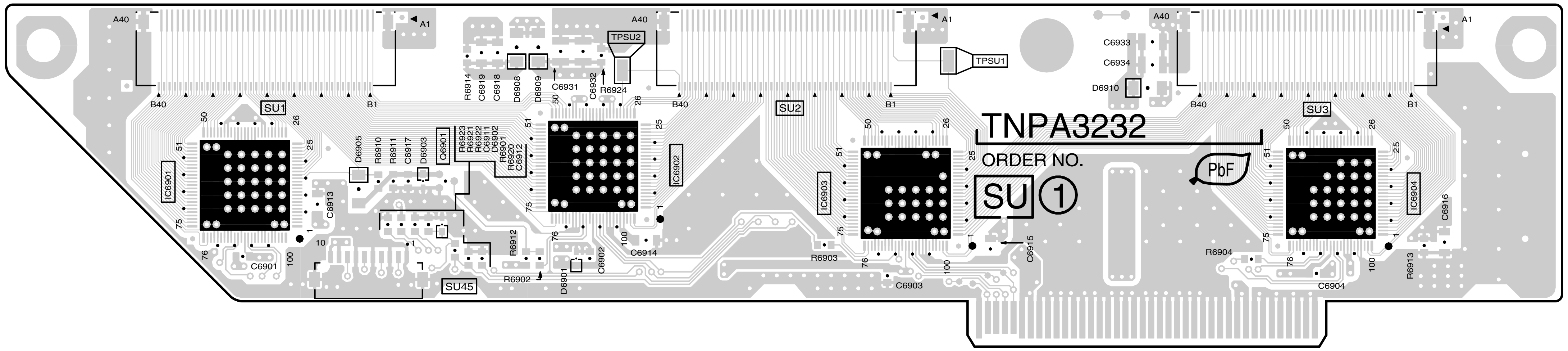
SU-BOARD			
IC		**TRANSISTOR**	
IC6901	B-2	Q6901	C-2
IC6902	D-2	**TP**	
IC6903	E-2	TPSU1	E-2
IC6904	G-2	TPSU2	D-2



SU-BOARD (FOIL SIDE)
TNPA3232


TNPA3232
SU
①
1 2 3
SEE REVERSE FOR ORDER NO.

SU-BOARD (COMPONENT SIDE)
TNPA3232


A40
A1
B40
B1
SU1
SU2
SU3
SU45
TPSU1
TPSU2
IC6901
IC6902
IC6903
IC6904
Q6901
D6901
D6903
D6905
D6908
D6909
D6910
C6901
C6902
C6903
C6904
C6911
C6912
C6913
C6914
C6915
C6916
C6917
C6918
C6919
C6931
C6932
C6933
C6934
R6901
R6902
R6903
R6904
R6910
R6911
R6912
R6913
R6914
R6920
R6921
R6922
R6923
R6924
1
10
25
26
50
51
75
76
100
TNPA3232
ORDER NO.
SU ①
PbF
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

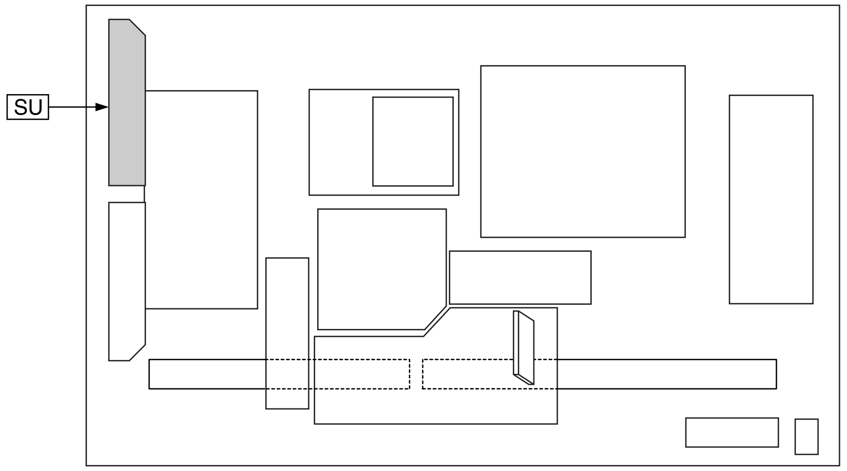
TH-37PA50H/M
SU-BOARD TNPA3232

TH-37PA50H/M
SU-BOARD TNPA3232

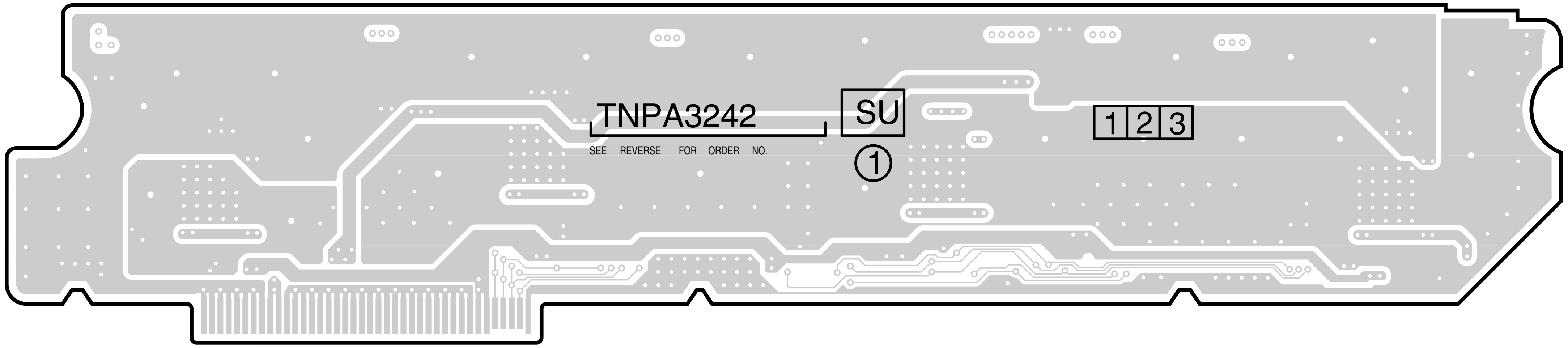
13.16. SU-Board (42 inch)

Parts Location

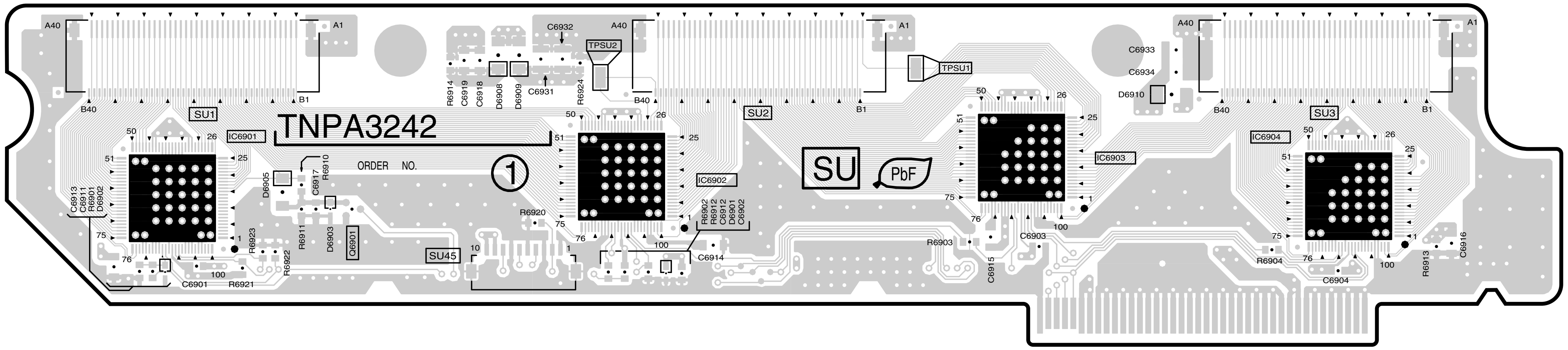
SU-BOARD			
IC		**TRANSISTOR**	
IC6901 IC6902 IC6903 IC6904	B-2 D-2 F-2 G-2	Q6901	C-1
		TP	
		TPSU1 TPSU2	D-2 E-2



SU-BOARD (FOIL SIDE)
TNPA3242


TNPA3242
SEE REVERSE FOR ORDER NO.
SU
①
1 2 3

SU-BOARD (COMPONENT SIDE)
TNPA3242


A40
A1
B40
B1
SU1
IC6901
TNPA3242
ORDER NO.
①
C6913
C6911
R6901
D6902
D6905
C6917
R6910
R6911
D6903
Q6901
R6923
R6922
C6901
R6921
SU45
C6932
TPSU2
R6914
C6919
C6918
D6908
D6909
C6931
R6924
SU2
IC6902
R6920
R6902
R6912
R6917
D6901
C6902
C6914
TPSU1
SU
PbF
IC6903
R6903
C6915
C6903
C6933
C6934
D6910
SU3
IC6904
R6904
C6904
R6913
C6916
50
26
51
25
75
1
76
100
10

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

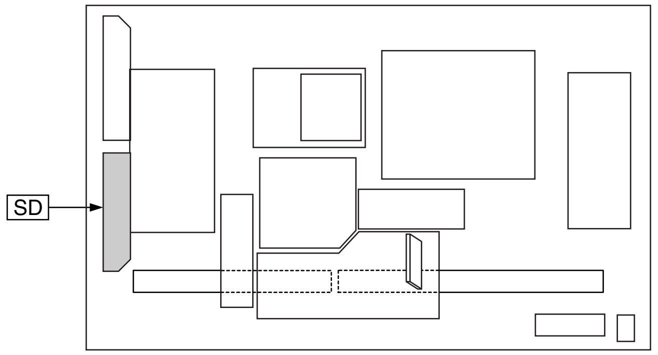
TH-42PA50A/H/M
SU-BOARD TNPA3242

TH-42PA50A/H/M
SU-BOARD TNPA3242

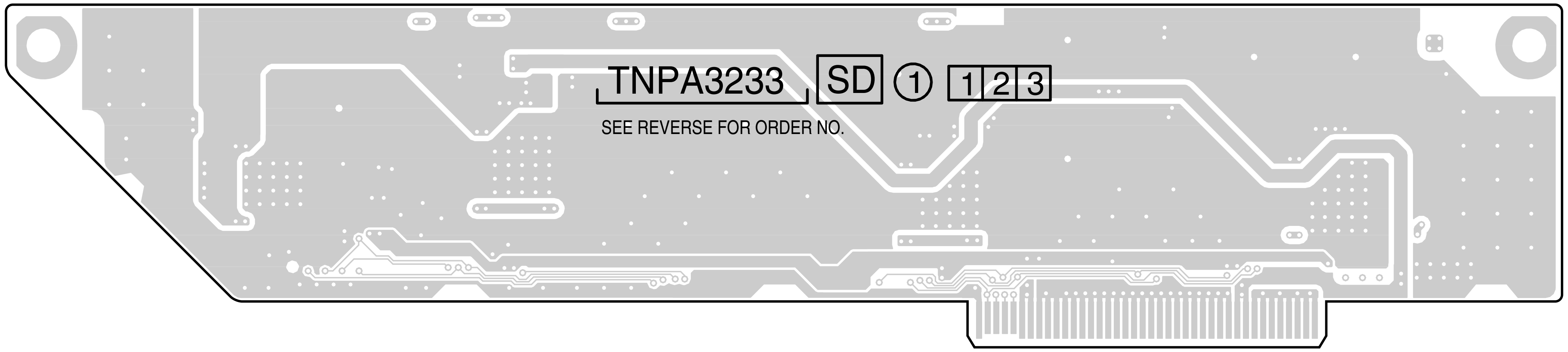
13.17. SD-Board (37 inch)

Parts Location

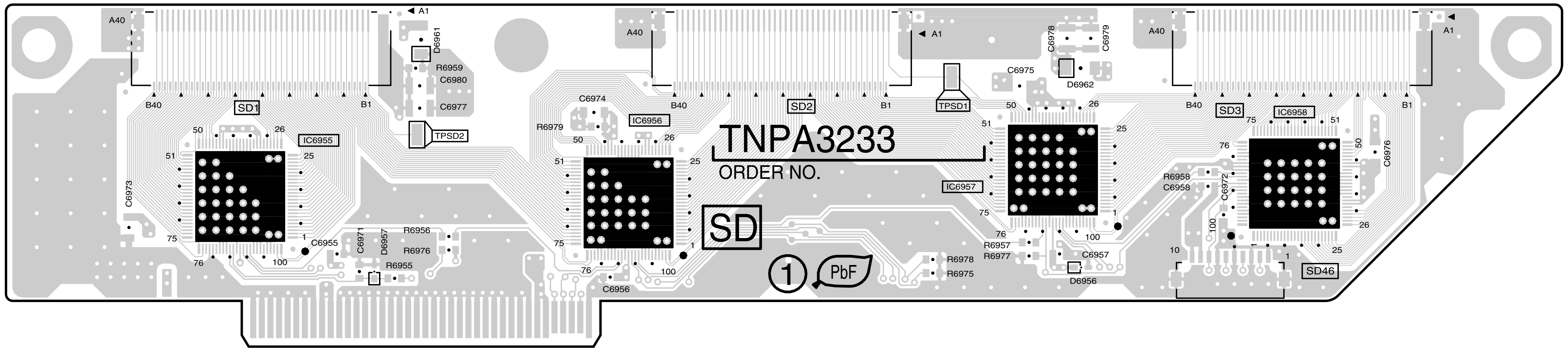
SD-BOARD			
IC		**TP**	
IC6955	B-2	TPSD1	E-2
IC6956	D-2	TPSD2	C-2
IC6957	F-2		
IC6958	G-2		



SD-BOARD (FOIL SIDE)
TNPA3233


TNPA3233
SD
①
1 2 3
SEE REVERSE FOR ORDER NO.

SD-BOARD (COMPONENT SIDE)
TNPA3233


A40
A1
D6961
R6959
C6980
C6977
TPSD2
B40
SD1
B1
50
26
IC6955
51
25
C6973
75
76
100
1
C6955
C6971
D6957
R6956
R6976
R6955
A40
A1
C6974
R6979
IC6956
B40
B1
SD2
TPSD1
TNPA3233
ORDER NO.
SD
① PbF
C6956
C6978
C6979
C6975
D6962
IC6957
R6978
R6975
R6957
R6977
C6957
D6956
A40
A1
B40
SD3
IC6958
B1
C6976
R6958
C6958
C6972
SD46
10

6
5
4
3
2
1

TH-37PA50H/M
SD-BOARD TNPA3233

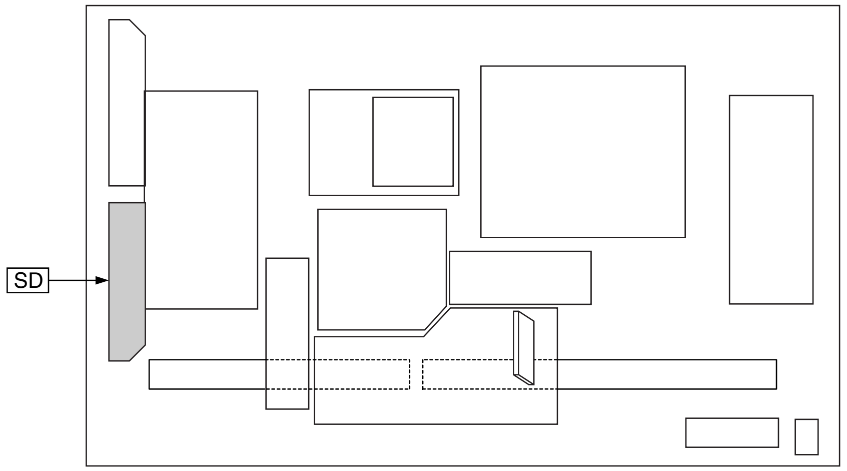
TH-37PA50H/M
SD-BOARD TNPA3233

A B C D E F G H I

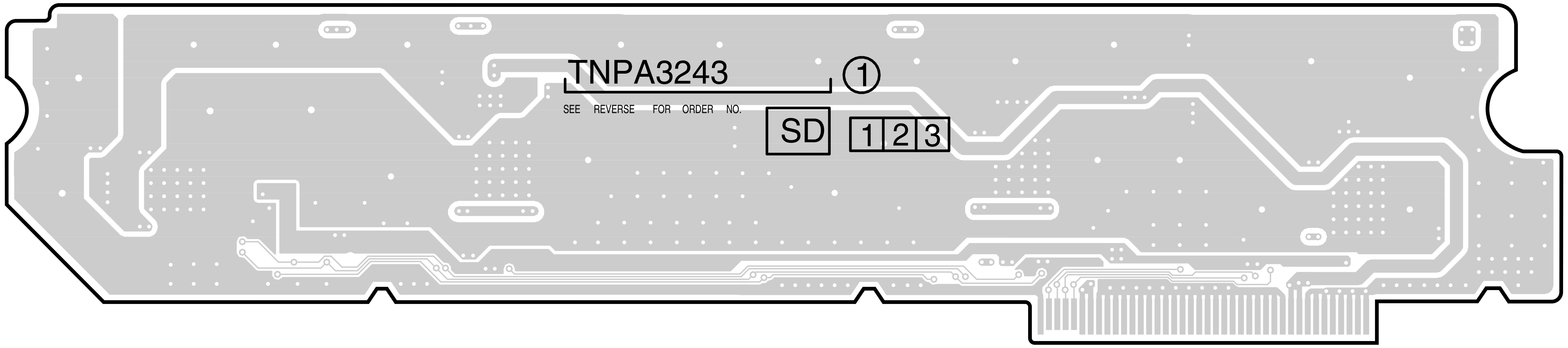
13.18. SD-Board (42 inch)

Parts Location

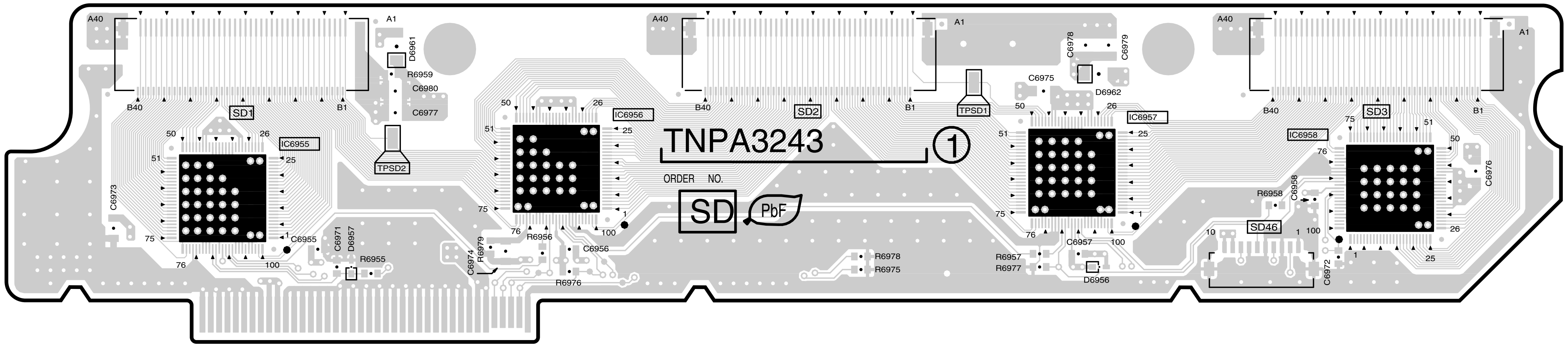
SD-BOARD			
IC		TRANSISTOR	
IC6955 IC6956 IC6957 IC6958	B-2 D-2 F-2 G-2	TPSD1 TPSD2	F-2 C-2



SD-BOARD (FOIL SIDE)
TNPA3243


TNPA3243
①
SEE REVERSE FOR ORDER NO.
SD
1 2 3

SD-BOARD (COMPONENT SIDE)
TNPA3243


A40
A1
B40
B1
SD1
IC6955
50
26
51
25
75
76
100
C6973
C6955
C6971
D6957
R6955
D6961
R6959
C6980
C6977
TPSD2
A40
A1
B40
SD2
B1
IC6956
R6956
C6956
R6976
C6974
R6979
TNPA3243
①
ORDER NO.
SD
PbF
R6978
R6975
TPSD1
C6978
C6979
C6975
D6962
IC6957
R6957
R6977
C6957
D6956
A40
A1
B40
B1
SD3
IC6958
R6958
C6958
SD46
10
C6972
C6976
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-42PA50A/H/M
SD-BOARD TNPA3243

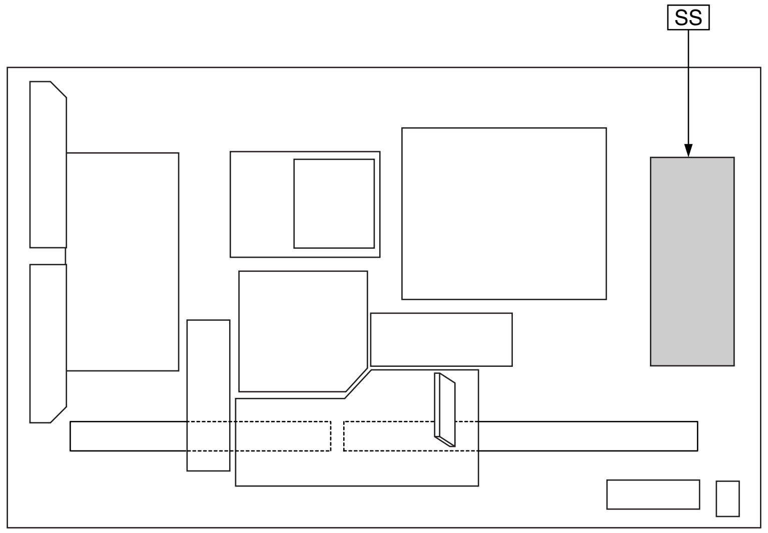
TH-42PA50A/H/M
SD-BOARD TNPA3243

13.19. SS-Board

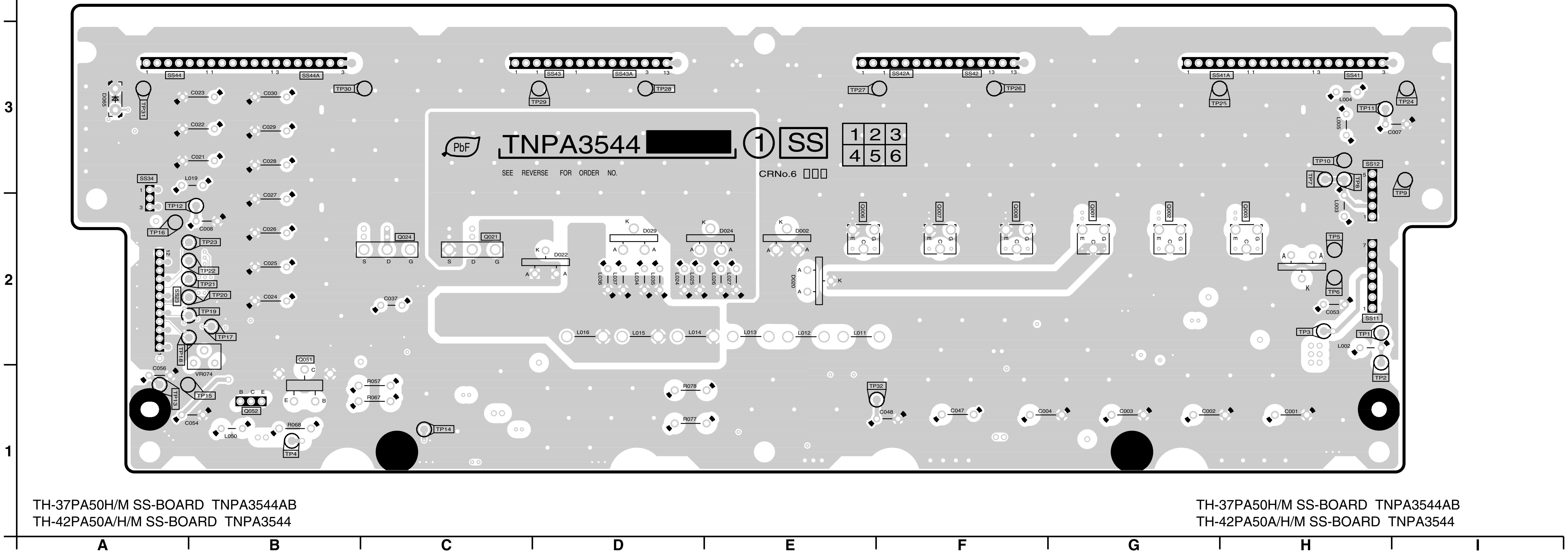
Parts Location

SS-BOARD (FOIL SIDE)

TRANSISTOR		TP			
				TP6016	B-2
				TP6017	B-2
Q6001	G-2	TP6001	H-1	TP6018	B-2
Q6002	G-2	TP6002	H-1	TP6019	B-2
Q6003	H-2	TP6003	H-1	TP6020	B-2
Q6006	E-2	TP6004	B-1	TP6021	B-2
Q6007	F-2	TP6005	H-2	TP6022	B-2
Q6008	F-2	TP6006	H-2	TP6023	B-2
Q6021	C-2	TP6007	H-2	TP6024	I-3
Q6024	C-2	TP6008	H-2	TP6025	G-3
Q6051	B-1	TP6009	H-2	TP6026	F-3
Q6052	B-1	TP6010	H-2	TP6027	F-3
		TP6011	H-3	TP6028	D-3
		TP6012	B-2	TP6029	D-3
		TP6013	A-1	TP6030	C-3
		TP6014	C-1	TP6031	A-3
		TP6015	A-1	TP6032	E-1



SS-BOARD(FOIL SIDE)
TNPA3544AB (37 inch)
TNPA3544 (42 inch)

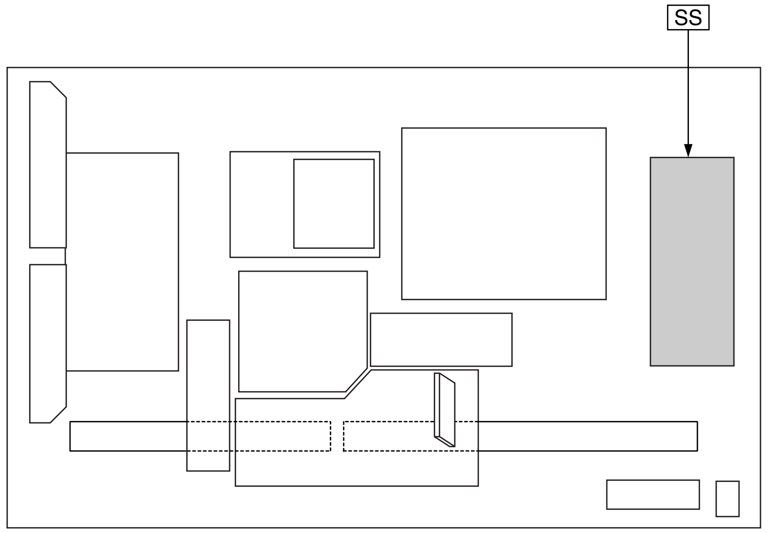

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
SS44
SS44A
SS43
SS43A
SS42A
SS42
SS41A
SS41
SS34
SS33
SS12
SS11
TP30
TP29
TP28
TP27
TP26
TP25
TP24
TP11
TP10
TP9
TP8
TP7
TP5
TP6
TP3
TP1
TP2
TP31
TP12
TP16
TP23
TP22
TP21
TP20
TP19
TP17
TP18
TP15
TP13
TP4
TP14
TP32
PbF
TNPA3544
①
SS
1 2 3
4 5 6
SEE REVERSE FOR ORDER NO.
CRNo.6
Q024
Q021
Q051
Q052
Q6006
Q6007
Q6008
Q6001
Q6002
Q6003
D029
D024
D002
D022
D020
D065
L016
L015
L014
L013
L012
L011
L019
L050
L004
L005
L003
L002
C023
C022
C021
C030
C029
C028
C027
C026
C025
C024
C008
C037
C056
C054
C048
C047
C004
C003
C002
C001
C007
C053
R057
R067
R068
R078
R077
VR074

TH-37PA50H/M SS-BOARD TNPA3544AB
TH-42PA50A/H/M SS-BOARD TNPA3544

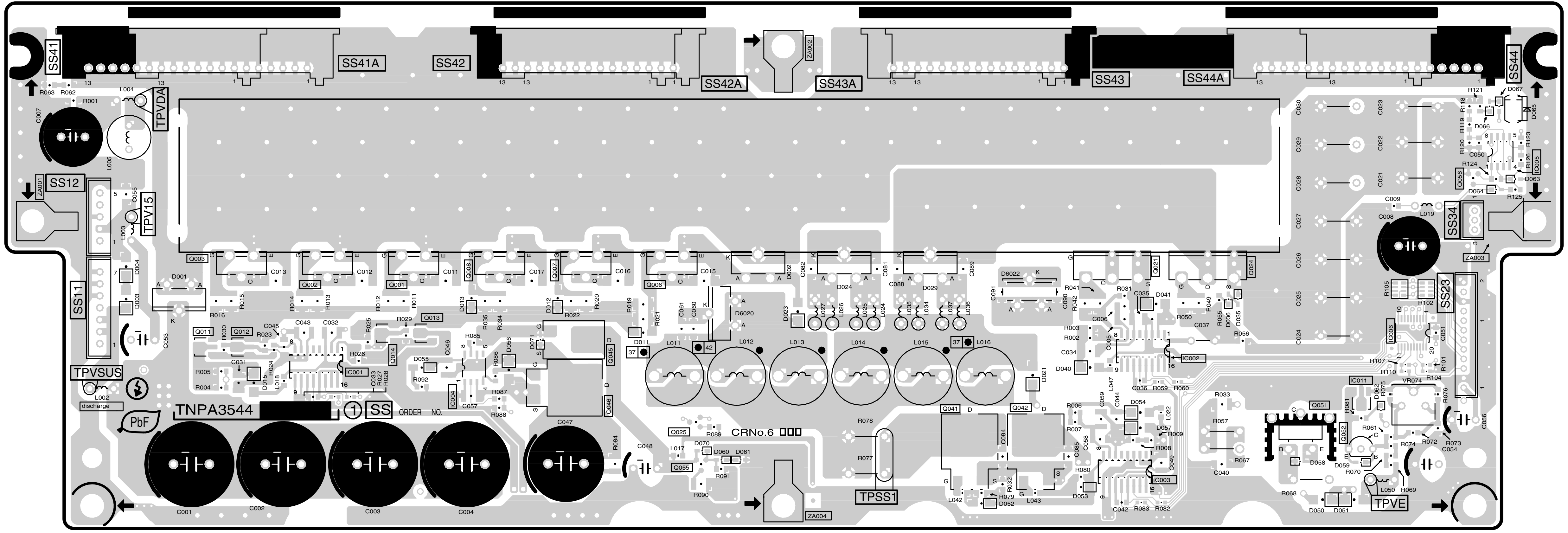
TH-37PA50H/M SS-BOARD TNPA3544AB
TH-42PA50A/H/M SS-BOARD TNPA3544

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q6045	D-2
IC6001	C-2	Q6001	C-2	Q6046	D-2
IC6002	G-2	Q6002	B-2	Q6051	H-1
IC6003	G-1	Q6003	B-2	Q6052	H-1
IC6004	C-2	Q6006	D-2	Q6055	D-1
IC6005	I-3	Q6007	D-2	Q6056	H-3
IC6006	H-2	Q6008	C-2	**TP**	
IC6011	H-2	Q6011	B-2	TPSS1	E-1
		Q6012	B-2	TPSUS	A-2
		Q6013	C-2	TPV15	B-3
		Q6014	C-2	TPVDA	B-3
		Q6021	G-2	TPVE	H-1
		Q6024	G-2		
		Q6025	D-1		
		Q6041	F-1		
		Q6042	F-1		



SS-BOARD(COMPONENT SIDE)
TNPA3544AB (37 inch)
TNPA3544 (42 inch)

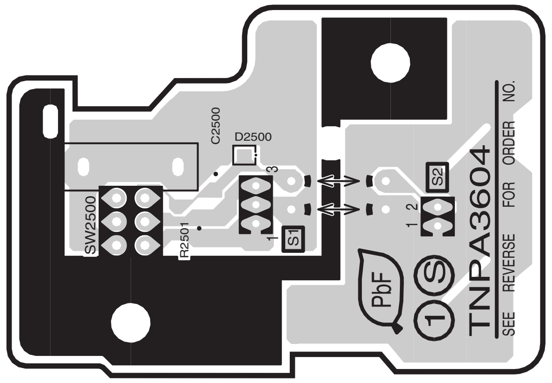

SS41
SS41A
SS42
SS42A
SS43A
SS43
SS44A
SS44
ZA002
TPVDA
SS12
ZA001
TPV15
SS11
TPVSUS
discharge
PbF
TNPA3544
① SS
ORDER NO.
CRNo.6
SS34
ZA003
SS23
TPSS1
ZA004
TPVE
IC001
IC002
IC003
IC011
C001
C002
C003
C004
C047
L011
L012
L013
L014
L015
L016
37
42
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

TH-37PA50H/M SS-BOARD TNPA3544AB
TH-42PA50A/H/M SS-BOARD TNPA3544

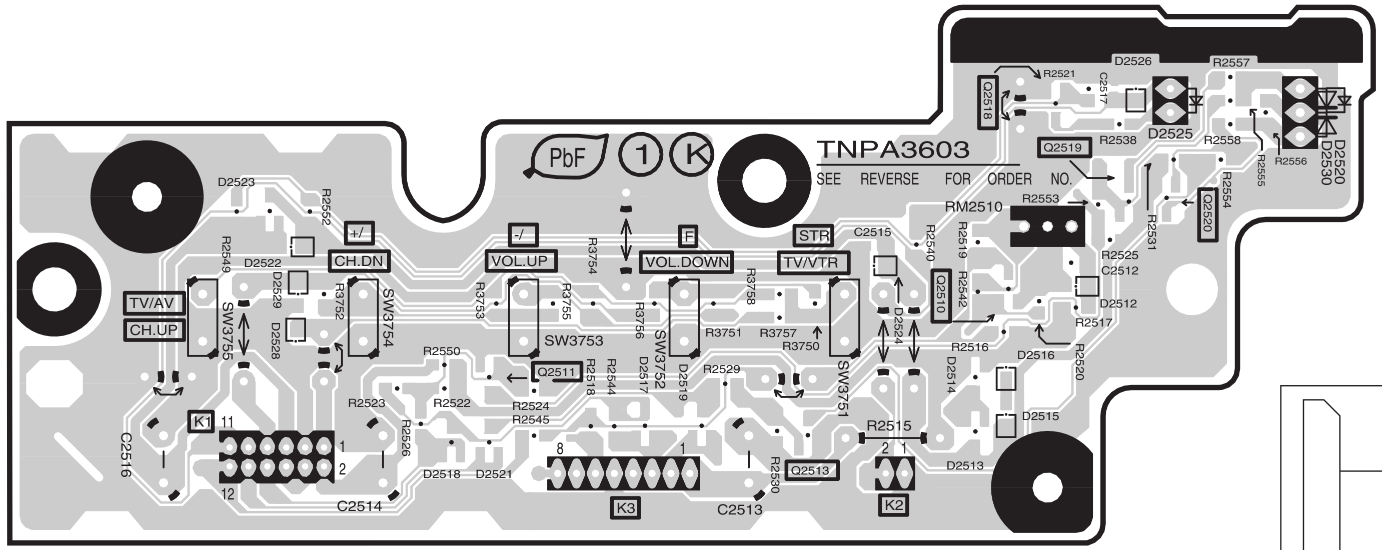
TH-37PA50H/M SS-BOARD TNPA3544AB
TH-42PA50A/H/M SS-BOARD TNPA3544

13.20. K and S-Board

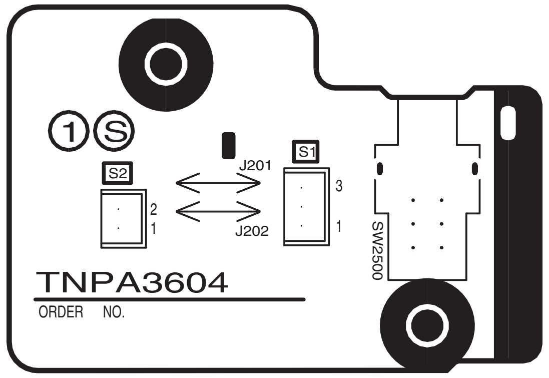
S-BOARD (FOIL SIDE)
TNPA3604AB


SW2500
R2501
C2500
D2500
S1
S2
TNPA3604
SEE REVERSE FOR ORDER NO.
PbF

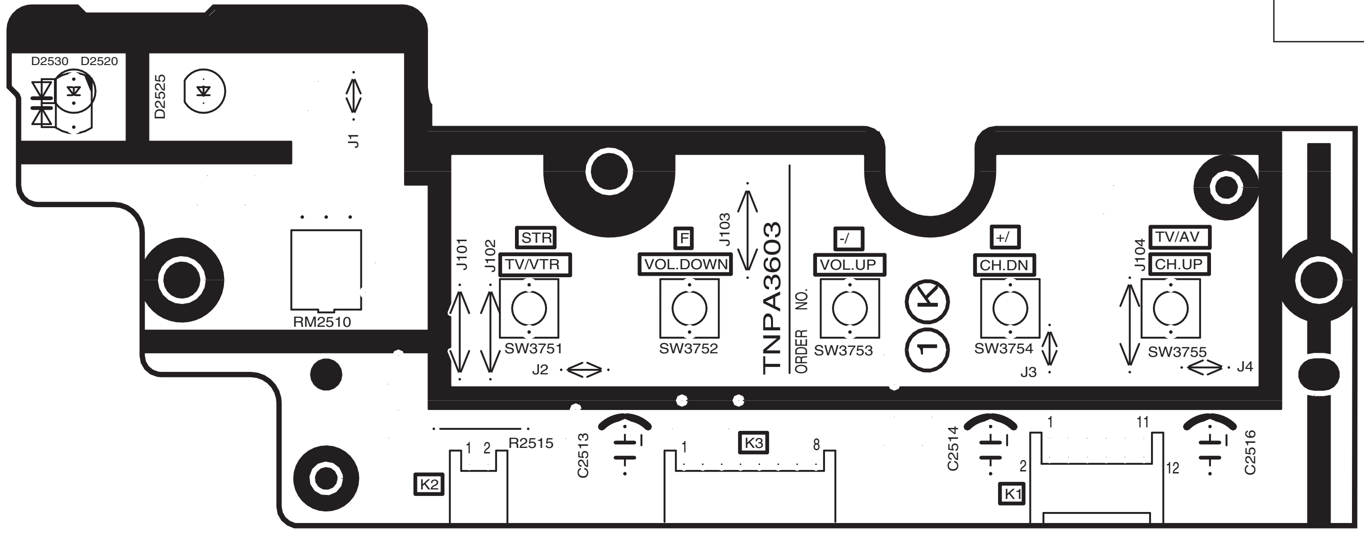
K-BOARD (FOIL SIDE)
TXN/K1YFSA

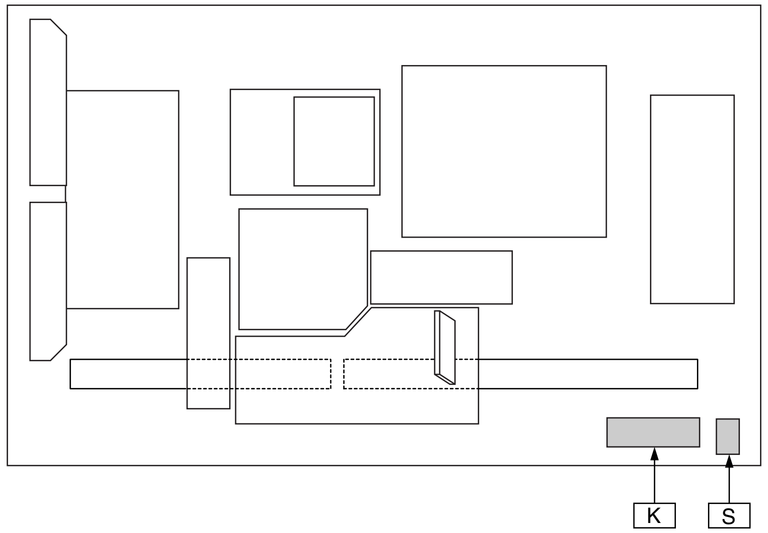

TNPA3603
SEE REVERSE FOR ORDER NO.
PbF
RM2510
TV/AV
CH.UP
CH.DN
+/
-/
VOL.UP
F
VOL.DOWN
STR
TV/VTR
SW3751
SW3752
SW3753
SW3754
SW3755
K1
K2
K3
C2513
C2514
C2516
Q2511
Q2513
Q2518
Q2519
Q2520
D2520
D2525
D2530

S-BOARD (COMPONENT SIDE)
TNPA3604AB


S2
S1
J201
J202
SW2500
TNPA3604
ORDER NO.

K-BOARD (COMPONENT SIDE)
TXN/K1YFSA


D2530
D2520
D2525
J1
J2
J3
J4
J101
J102
J103
J104
RM2510
STR
TV/VTR
F
VOL.DOWN
-/
VOL.UP
+/
CH.DN
TV/AV
CH.UP
SW3751
SW3752
SW3753
SW3754
SW3755
TNPA3603
ORDER NO.
R2515
C2513
C2514
C2516
K1
K2
K3



TH-42PA50A/H/M
TH-37PA50H/M
S-BOARD TNPA3604AB
K-BOARD TXN/K1YFSA

TH-42PA50A/H/M
TH-37PA50H/M
S-BOARD TNPA3604AB
K-BOARD TXN/K1YFSA

14 Block and Schematic Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by △ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

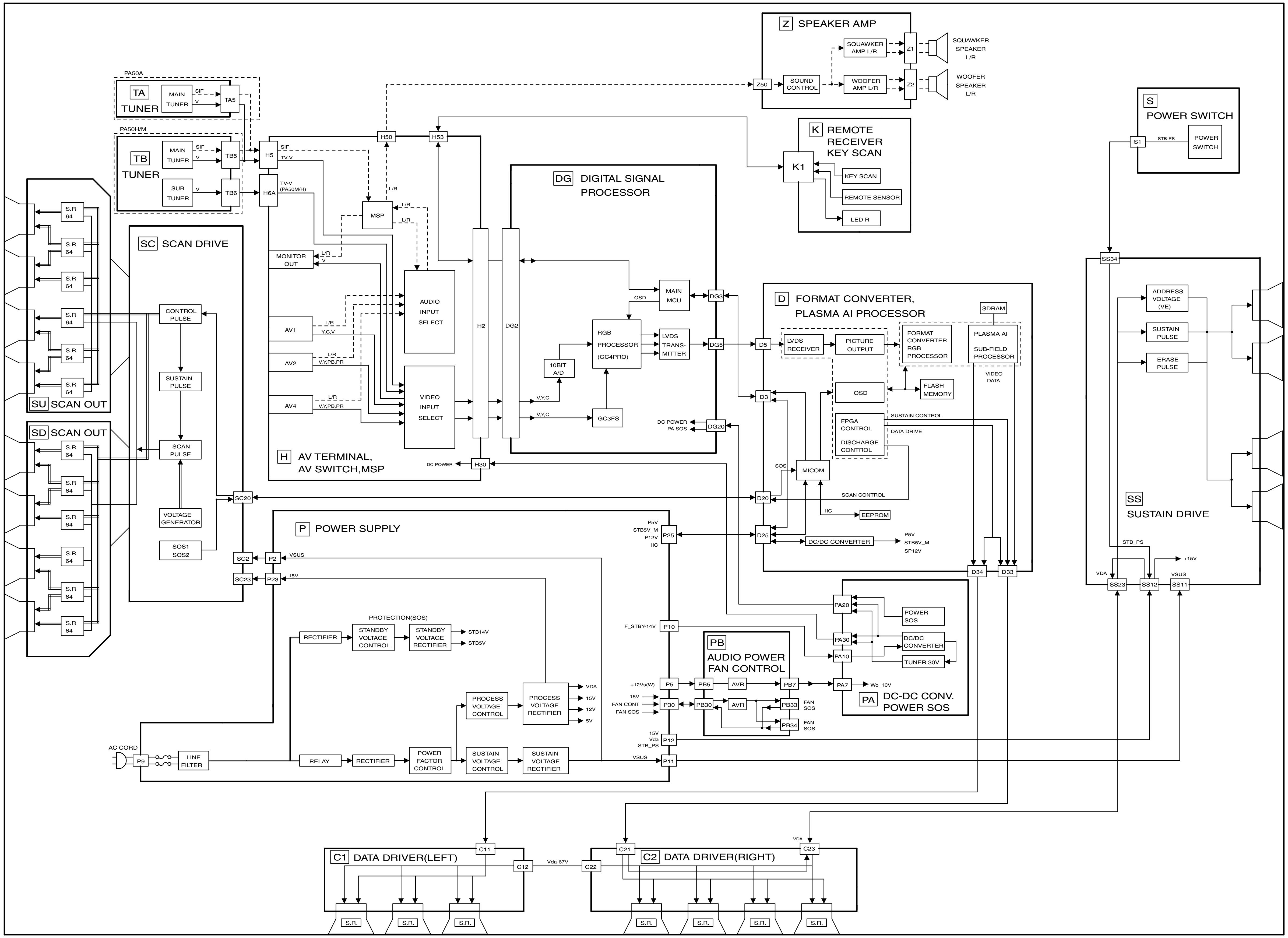
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is µF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.

8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

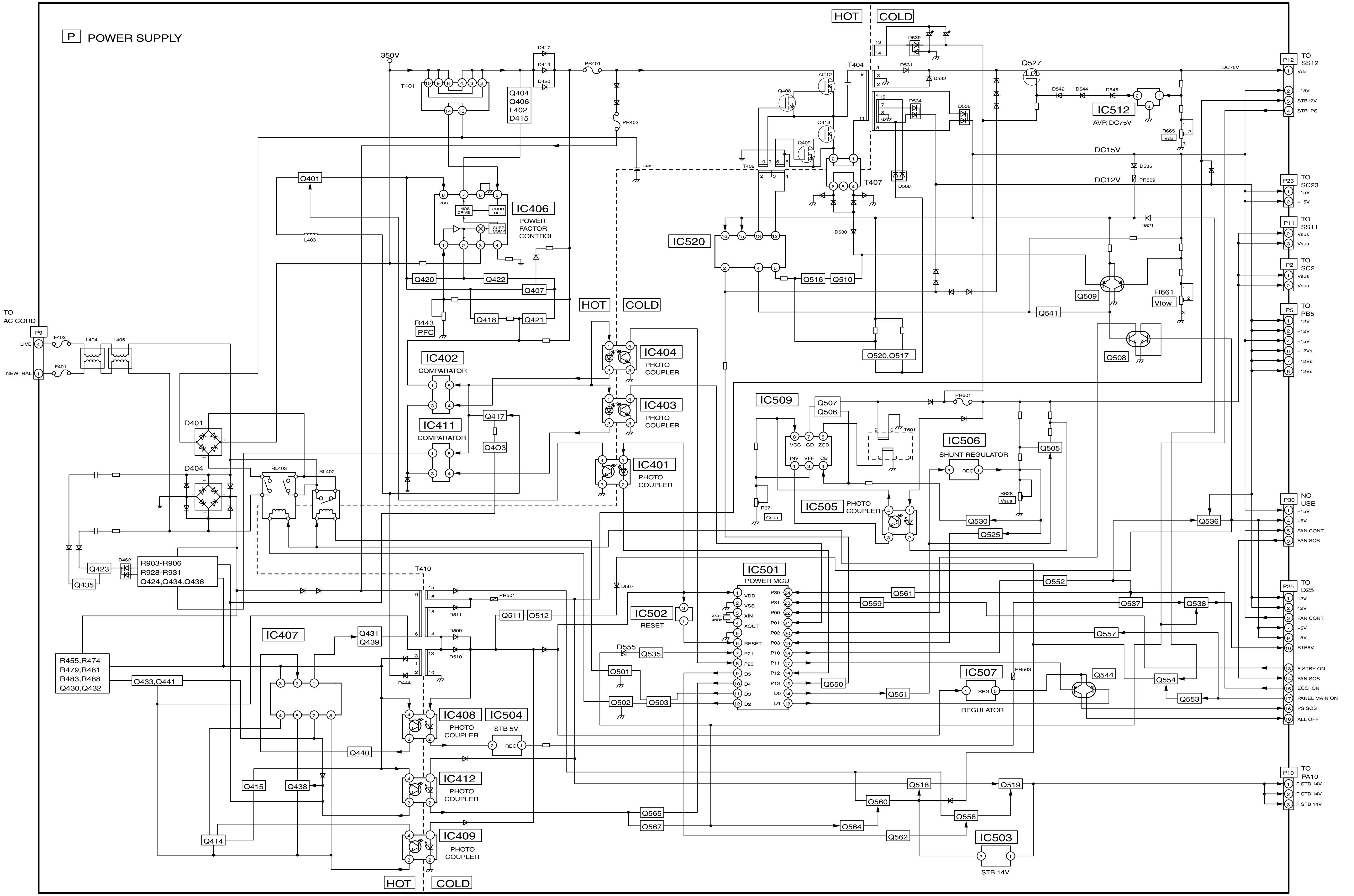
14.2. Main Block Diagram


Z SPEAKER AMP
SQUAWKER AMP L/R
WOOFER AMP L/R
SOUND CONTROL
Z50
Z1
Z2
SQUAWKER SPEAKER L/R
WOOFER SPEAKER L/R
PA50A
TA TUNER
MAIN TUNER
SIF
V
TA5
PA50H/M
TB TUNER
SUB TUNER
TB5
TB6
H5
H6A
TV-V
TV-V (PA50M/H)
H50
H53
MSP
L/R
MONITOR OUT
AV1
AV2
AV4
Y,C,V
V,Y,PB,PR
AUDIO INPUT SELECT
VIDEO INPUT SELECT
H2
DG2
H30
DC POWER
H AV TERMINAL, AV SWITCH,MSP
K REMOTE RECEIVER KEY SCAN
K1
KEY SCAN
REMOTE SENSOR
LED R
S POWER SWITCH
S1
STB-PS
POWER SWITCH
DG DIGITAL SIGNAL PROCESSOR
MAIN MCU
OSD
RGB PROCESSOR (GC4PRO)
LVDS TRANS-MITTER
10BIT A/D
GC3FS
V,Y,C
DG3
DG5
DG20
DC POWER
PA SOS
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
MICOM
SOS
SCAN CONTROL
IIC
EEPROM
DC/DC CONVERTER
P5V
STB5V_M
SP12V
D5
D3
D20
D25
D34
D33
SU SCAN OUT
SD SCAN OUT
S.R 64
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS1 SOS2
SC20
SC2
SC23
P POWER SUPPLY
P2
P23
VSUS
15V
P25
P5V
STB5V_M
P12V
IIC
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB14V
STB5V
F_STBY-14V
P10
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
AC CORD
P9
LINE FILTER
RELAY
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
+12Vs(W)
P5
15V
FAN CONT
FAN SOS
P30
15V
Vda
STB_PS
P12
VSUS
P11
PB AUDIO POWER FAN CONTROL
PB5
AVR
PB7
PB30
PB33
PB34
FAN SOS
PA DC-DC CONV. POWER SOS
PA20
PA30
PA10
PA7
Wo_10V
POWER SOS
DC/DC CONVERTER
TUNER 30V
SS SUSTAIN DRIVE
SS34
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
STB_PS
+15V
VDA
VSUS
SS23
SS12
SS11
C1 DATA DRIVER(LEFT)
C11
C12
Vda-67V
C2 DATA DRIVER(RIGHT)
C21
C22
C23
VDA
S.R.

TH-42PA50A/M/H, TH-37PA50M/H Main Block Diagram

TH-42PA50A/M/H, TH-37PA50M/H Main Block Diagram

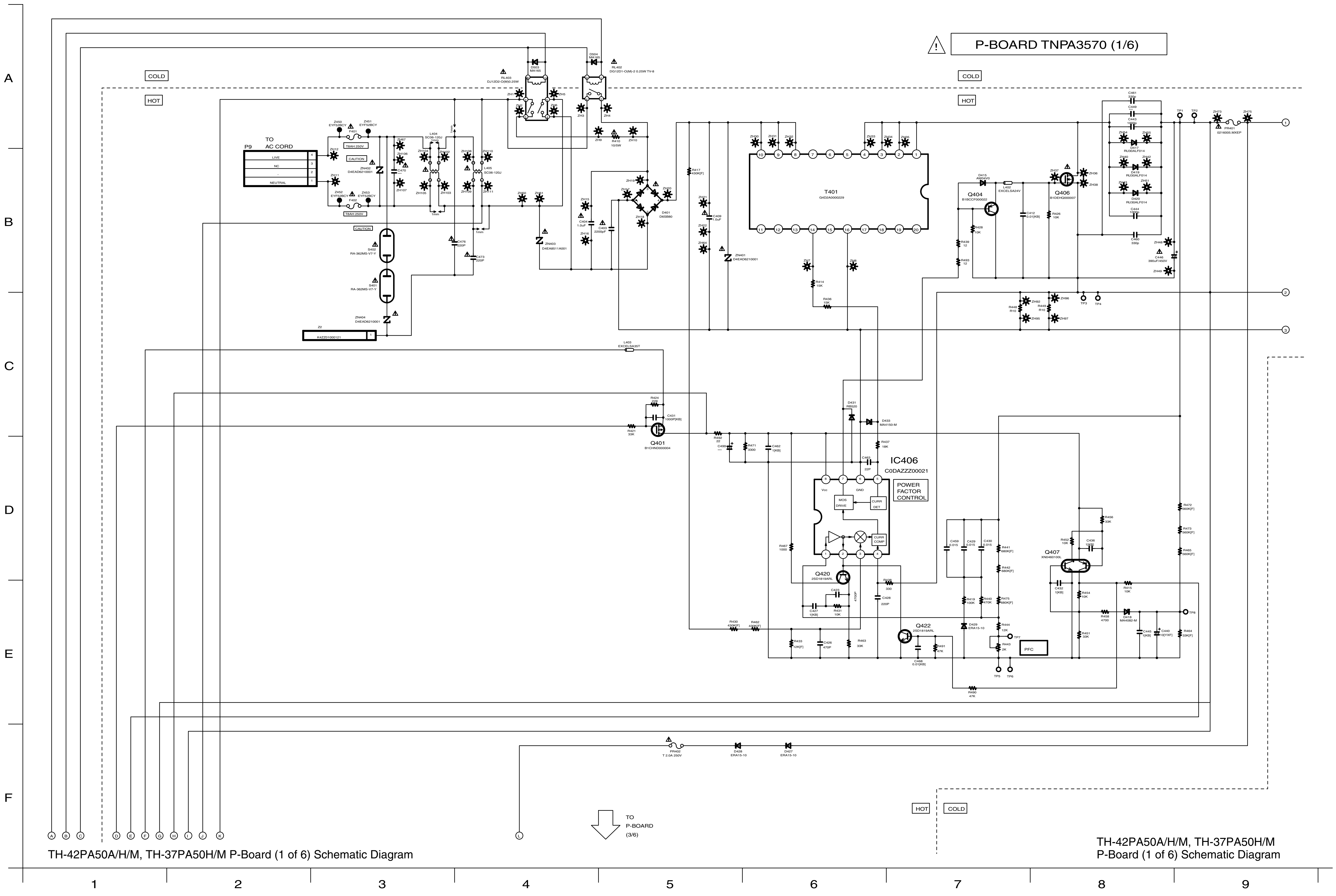
14.3. P-Board Block Diagram


P POWER SUPPLY
HOT
COLD
350V
T401
D417
D419
D420
PR401
PR402
Q404
Q406
L402
D415
Q401
L403
IC406
POWER
FACTOR
CONTROL
VCC
MOS DRIVE
CURR DET
CURR COMP
Q420
Q422
Q407
Q418
Q421
R443
PFC
C405
TO
AC CORD
P9
LIVE
NEWTRAL
F402
F401
L404
L405
D401
D404
RL403
RL402
IC402
COMPARATOR
IC411
COMPARATOR
Q417
Q403
IC404
PHOTO
COUPLER
IC403
PHOTO
COUPLER
IC401
PHOTO
COUPLER
Q423
Q435
D462
R903-R906
R928-R931
Q424,Q434,Q436
T410
D567
PR501
D511
D509
D510
D444
Q511
Q512
IC407
Q431
Q439
R455,R474
R479,R481
R483,R488
Q430,Q432
Q433,Q441
IC408
PHOTO
COUPLER
IC504
STB 5V
REG
Q440
Q415
Q438
IC412
PHOTO
COUPLER
Q414
IC409
PHOTO
COUPLER
IC502
RESET
D555
Q535
Q501
Q502
Q503
IC501
POWER MCU
VDD
VSS
XIN
XOUT
RESET
P21
P20
D5
D4
D3
D2
P30
P31
P00
P01
P02
P03
P10
P11
P12
P13
D0
D1
X501
4MHz
Q565
Q567
Q564
Q562
Q560
Q518
Q519
Q558
IC503
STB 14V
Q559
Q561
Q550
Q551
Q552
Q537
Q538
Q557
IC507
REGULATOR
PR503
Q544
Q554
Q553
T404
Q412
Q408
Q413
Q409
T402
T407
D539
D531
D532
D534
D536
D568
D530
IC520
Q516
Q510
Q520,Q517
Q527
D542
D544
D545
IC512
AVR DC75V
R665
Vda
DC75V
DC15V
D535
DC12V
PR509
D521
Q509
R661
Vlow
Q541
Q508
IC509
Q507
Q506
VCC GD ZCD
INV VFF CB
PR601
T601
IC506
SHUNT REGULATOR
Q505
R628
Vsus
R671
Csus
IC505
PHOTO
COUPLER
Q530
Q525
Q536
P12
TO
SS12
Vda
+15V
STB12V
STB_PS
P23
TO
SC23
+15V
+15V
P11
TO
SS11
Vsus
Vsus
P2
TO
SC2
Vsus
Vsus
P5
TO
PB5
+12V
+12V
+15V
+12Vs
+12Vs
+12Vs
P30
NO
USE
+15V
+5V
FAN CONT
FAN SOS
P25
TO
D25
12V
12V
FAN CONT
+5V
+5V
STB5V
F STBY ON
FAN SOS
ECO_ON
PANEL MAIN ON
PS SOS
ALL OFF
P10
TO
PA10
F STB 14V
F STB 14V
F STB 14V

TH-42PA50A/H/M, TH-37PA50H/M
P-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
P-Board Block Diagram

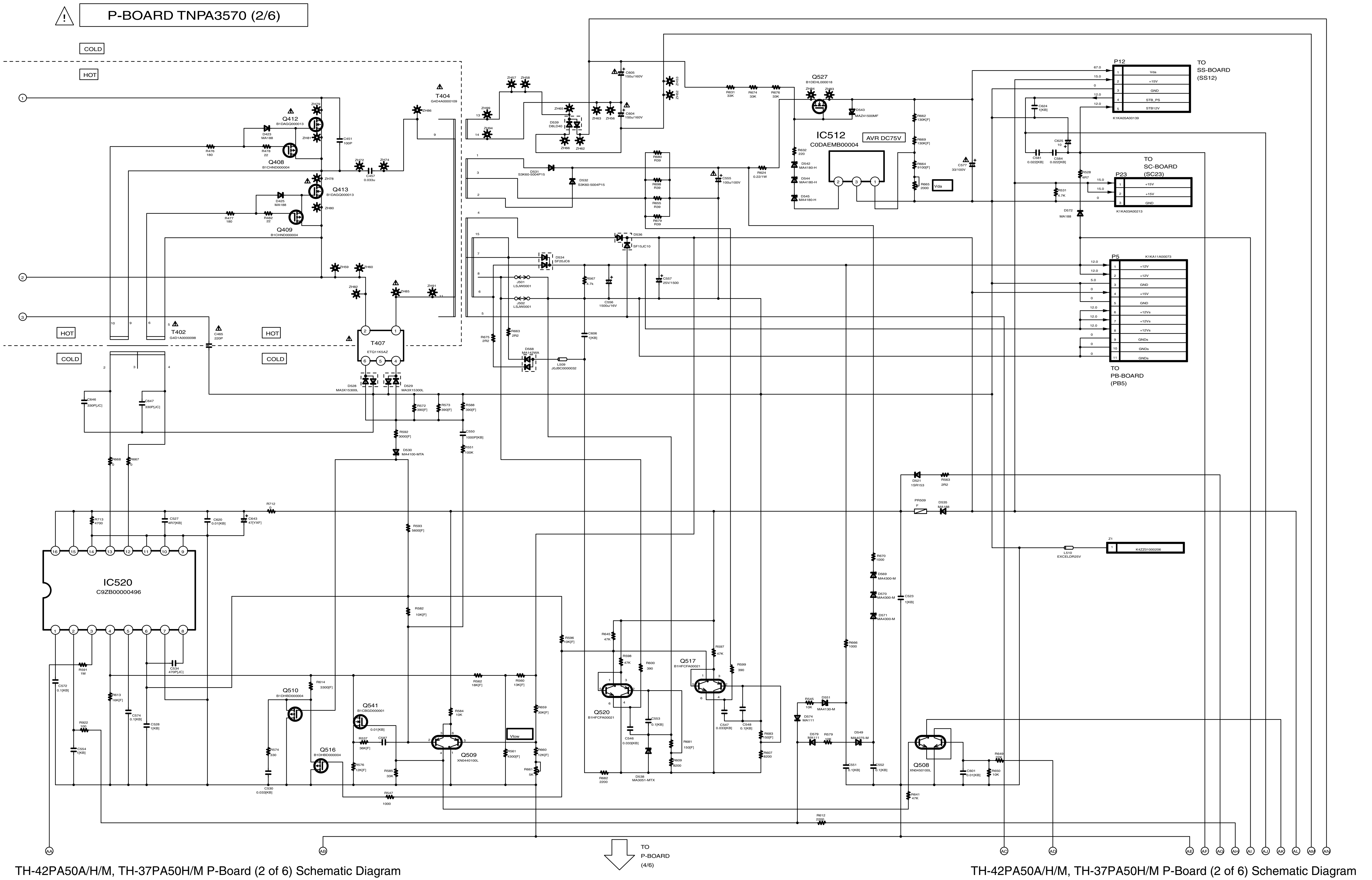
14.4. P-Board (1 of 6) Schematic Diagram


P-BOARD TNPA3570 (1/6)
COLD
HOT
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
P9
TO
AC CORD
LIVE
NC
NEUTRAL
F401
F402
T8AH 250V
CAUTION
Z450
Z451
Z452
Z453
EYF52BCY
ZN402
D4EAD6210001
C470
L404
SC06-120J
L405
SC06-120J
S402
RA-362MS-V7-Y
S401
RA-362MS-V7-Y
ZN404
D4EAD6210001
Z2
K4ZZ01000121
C476
220P
C473
220P
ZN403
D4EA8511A001
D503
MA165
D504
MA165
RL403
DJ12D2-O(M)0.25W
RL402
DG12D1-O(M)-2 0.25W TV-8
R410
10/5W
C404
1.0uF
C403
2200pF
D401
D6SB80
R417
430K[F]
C409
1.0uF
ZN401
D4EAD6210001
T401
G4D2A0000229
R414
15K
R436
15K
D415
AWSVG9
L402
EXCELSA24V
Q404
B1BCCF000022
Q406
B1DEHQ000007
R428
10K
R439
12
R493
12
C412
0.01[KB]
R426
10K
C461
330p
C449
C443
1000p
D417
RU3OALF014
D419
RU3OALF014
D420
RU3OALF014
C444
1000p
C450
330p
C446
390uF/450V
TP1
TP2
TP3
TP4
PR401
0216005.MXEP
R448
R10
R449
R10
L403
EXCELSA35T
R424
22K
C431
1000P[KB]
R421
33K
Q401
B1CHND000004
R492
22
C490
R471
3300
C462
1[KB]
D431
RB520
D433
MA4150-M
R437
18K
C463
22P
IC406
C0DAZZZ00021
POWER
FACTOR
CONTROL
Vcc
GND
MOS
DRIVE
CURR
DET
CURR
COMP
R467
1000
Q420
2SD1819ARL
C423
C427
1[KB]
R431
10K
R429
330
C428
220P
R430
430K[F]
R462
430K[F]
R433
12K[F]
C426
470P
R463
33K
Q422
2SD1819ARL
C468
0.01[KB]
R491
47K
C459
0.015
C429
0.015
C430
0.015
R441
680K[F]
R442
680K[F]
R419
100K
R440
470K
R475
680K[F]
D429
ERA15-10
R444
12K
R443
2K
TP7
TP5
TP6
PFC
R490
47K
Q407
XN0460100L
R452
10K
C436
10[B]
R456
33K
C432
1[KB]
R454
10K
R458
4700
D418
MA4082-M
R451
33K
R415
10K
C445
1[KB]
C440
10[YXF]
R484
33K[F]
R472
560K[F]
R473
560K[F]
R465
560K[F]
TP8
PR402
T 2.0A 250V
D428
ERA15-10
D427
ERA15-10
TO
P-BOARD
(3/6)

TH-42PA50A/H/M, TH-37PA50H/M P-Board (1 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
P-Board (1 of 6) Schematic Diagram

14.5. P-Board (2 of 6) Schematic Diagram

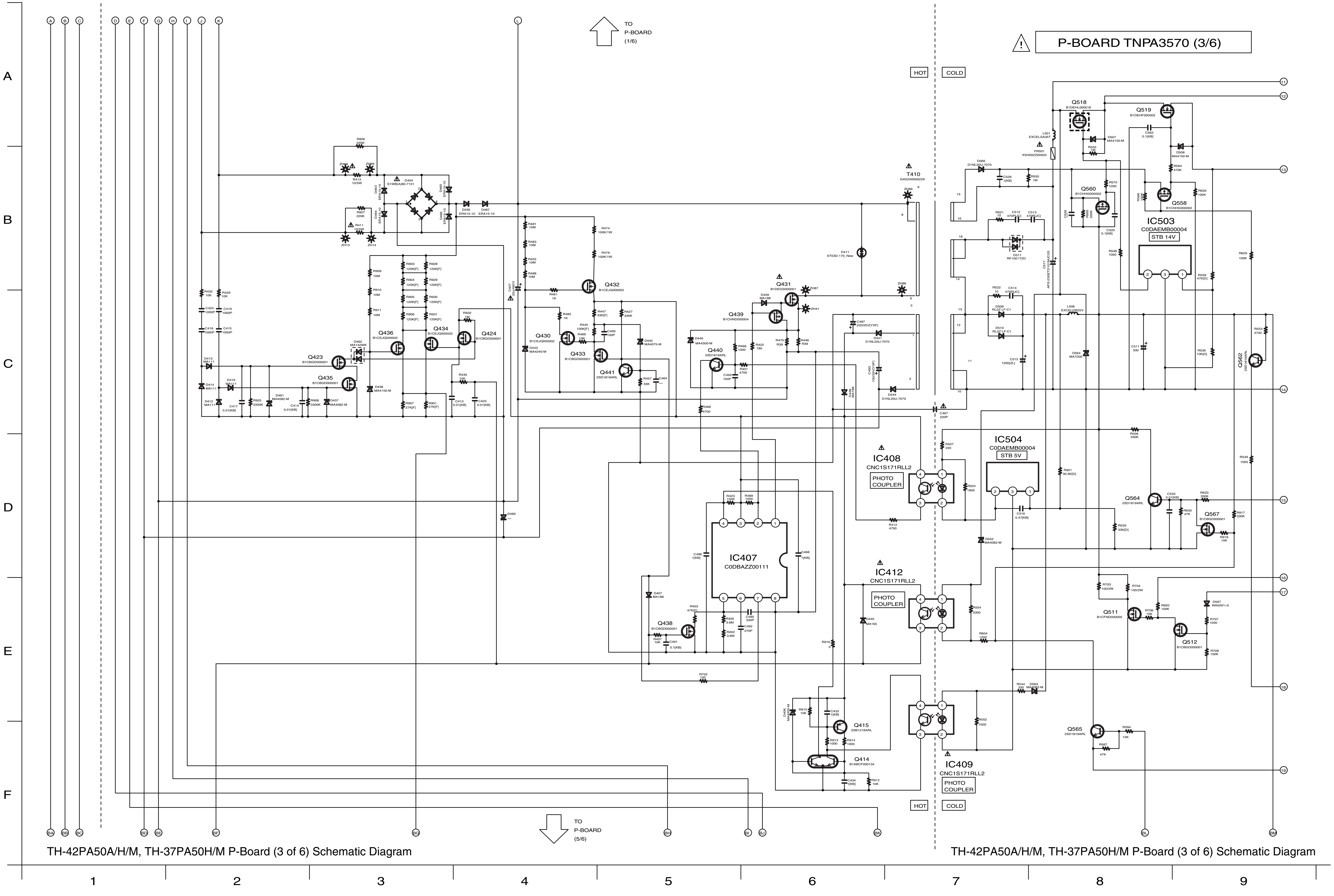

P-BOARD TNPA3570 (2/6)
COLD
HOT
HOT
COLD
HOT
COLD
T404
G4D4A0000109
Q412
B1DAGQ000013
Q408
B1CHND000004
Q413
B1DAGQ000013
Q409
B1CHND000004
D423
MA188
D425
MA188
R476
180
R478
22
R477
180
R482
22
C451
100P
C457
0.033u
T402
G4D1A0000098
C465
220P
T407
ETQ11K5AZ
D528
MA3X15300L
D529
MA3X15300L
C646
330P[JC]
C647
330P[JC]
R572
390[F]
R573
390[F]
R588
390[F]
R592
3000[F]
C550
1000P[KB]
R551
100K
D530
MA4100-MTA
R668
0
R667
0
R712
0
R713
4700
C527
4R7[KB]
C620
0.01[KB]
C643
47[YXF]
R593
5600[F]
IC520
C9ZB00000496
R582
10K[F]
R591
1M
C572
0.1[KB]
C534
470P[JC]
R613
16K[F]
C574
0.1[KB]
C528
1[KB]
R922
100
C554
1[KB]
Q510
B1DHBD000004
R614
3300[F]
Q516
B1DHBD000004
R574
330
C530
0.033[KB]
Q541
B1CBGD000001
0.01[KB]
R537
36K[F]
C587
R576
12K[F]
R585
33K
R547
1000
R584
10K
Q509
XN0440100L
R562
18K[F]
R560
13K[F]
Vlow
R561
4300[F]
R659
30K[F]
R660
12K[F]
R661
5K
R596
10K[F]
D531
S3K60-5004P15
D532
S3K60-5004P15
D539
D8LD40
C605
150u/160V
C604
150u/160V
R680
R39
R698
R39
R655
R39
R679
R39
C555
100u/100V
R624
0.22/1W
D536
SF15JC10
D534
SF20JC6
J501
LSJW0001
J502
LSJW0001
R567
4.7k
C556
1500u/16V
C557
25V/1500
R675
2R2
R663
2R2
C606
1[KB]
D568
MA142WA
L509
J0JBC0000032
R631
33K
R674
33K
R676
33K
Q527
B1DEHL000018
D543
MAZ41500MF
IC512
C0DAEMB00004
AVR DC75V
R632
220
D542
MA4180-H
D544
MA4180-H
D545
MA4180-H
R662
130K[F]
R669
130K[F]
R664
9100[F]
R665
2000
Vda
C577
33/100V
P12
TO
SS-BOARD
(SS12)
1 Vda 67.0
2 +15V 15.0
3 GND 0
4 STB_PS 12.0
5 STB12V 12.0
K1KA05A00139
C624
1[KB]
C625
10
C581
0.022[KB]
C584
0.022[KB]
R528
4R7
R531
4.7K
P23
TO
SC-BOARD
(SC23)
1 +15V 15.0
2 +15V 15.0
3 GND 0
K1KA03A00213
D572
MA188
P5
K1KA11A00073
1 +12V 12.0
2 +12V 12.0
3 GND 5.0
4 +15V 0
5 GND 0
6 +12Vs 12.0
7 +12Vs 12.0
8 +12Vs 12.0
9 GNDs 0
10 GNDs 0
11 GNDs 0
TO
PB-BOARD
(PB5)
D521
1SR153
R563
2R2
PR509
F
D535
MA188
Z1
K4ZZ01000206
L510
EXCELDR25V
R670
1000
D569
MA4300-M
D570
MA4300-M
D571
MA4300-M
C523
1[KB]
R666
1000
R645
47K
R598
47K
R600
390
Q520
B1HFCFA00021
C546
0.033[KB]
C553
0.1[KB]
D538
MA3051-MTX
R682
2200
R681
150[F]
R609
8200
Q517
B1HFCFA00021
R597
47K
R599
390
C547
0.033[KB]
C548
0.1[KB]
R683
150[F]
R607
8200
R545
10K
D551
MA4130-M
D574
MA111
D579
MA111
R579
10K
D549
MA4075-M
C551
0.1[KB]
C552
0.1[KB]
Q508
XN0450100L
C601
0.01[KB]
R649
22K
R650
10K
R641
47K
R612
2200
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
TO
P-BOARD
(4/6)

TH-42PA50A/H/M, TH-37PA50H/M P-Board (2 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M P-Board (2 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

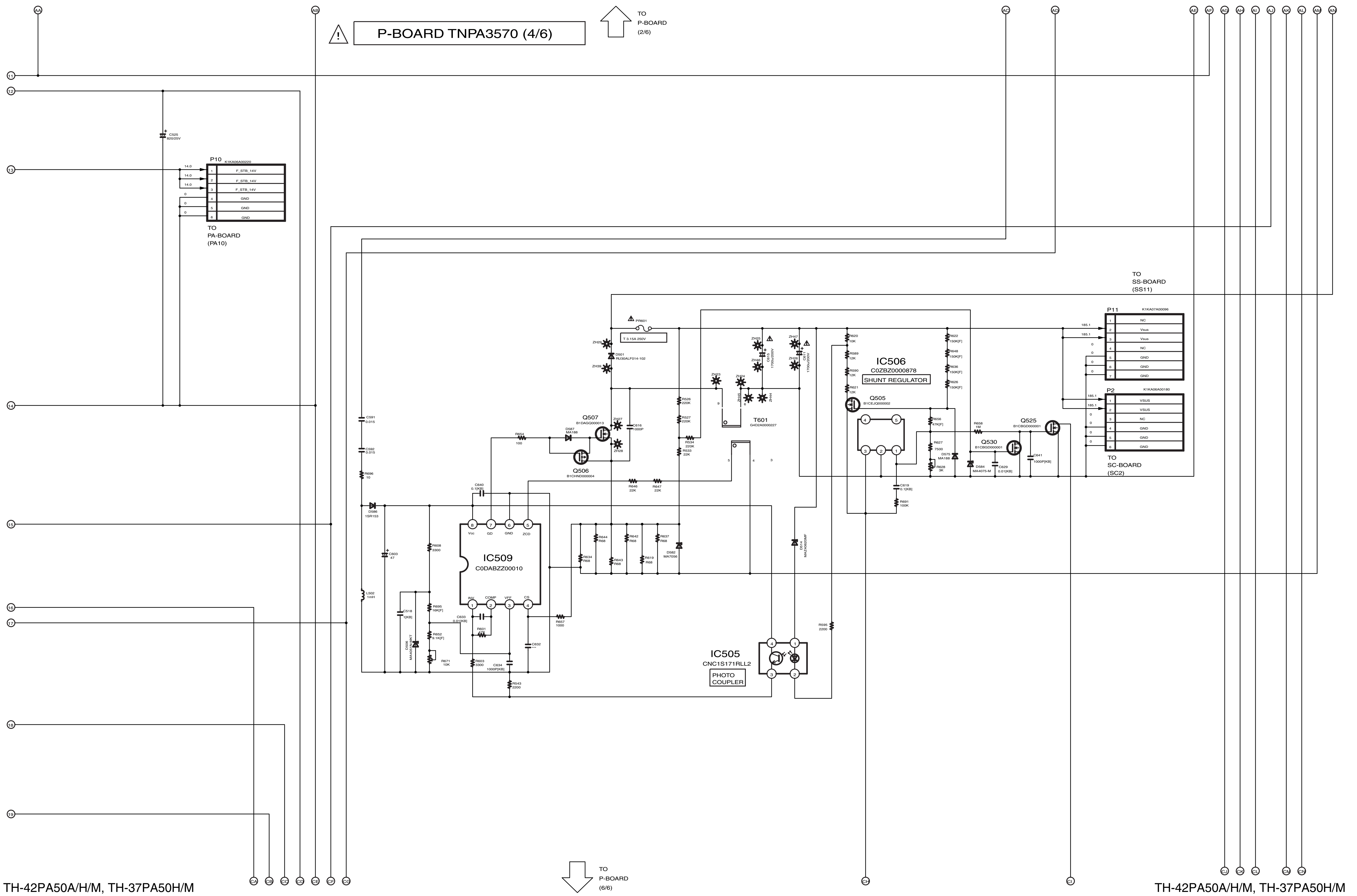
14.6. P-Board (3 of 6) Schematic Diagram


TO P-BOARD (1/6)
P-BOARD TNPA3570 (3/6)
HOT
COLD
T410
Q518
Q519
Q560
Q558
IC503
C0DAEMB00004
STB 14V
Q432
Q431
Q439
Q440
Q441
Q430
Q433
Q436
Q434
Q424
Q423
Q435
D404
IC504
C0DAEMB00004
STB 5V
IC408
CNC1S171RLL2
PHOTO COUPLER
IC407
C0DBAZZ00111
IC412
CNC1S171RLL2
PHOTO COUPLER
Q438
Q564
Q567
Q511
Q512
Q562
Q415
Q414
IC409
CNC1S171RLL2
PHOTO COUPLER
Q565
TO P-BOARD (5/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

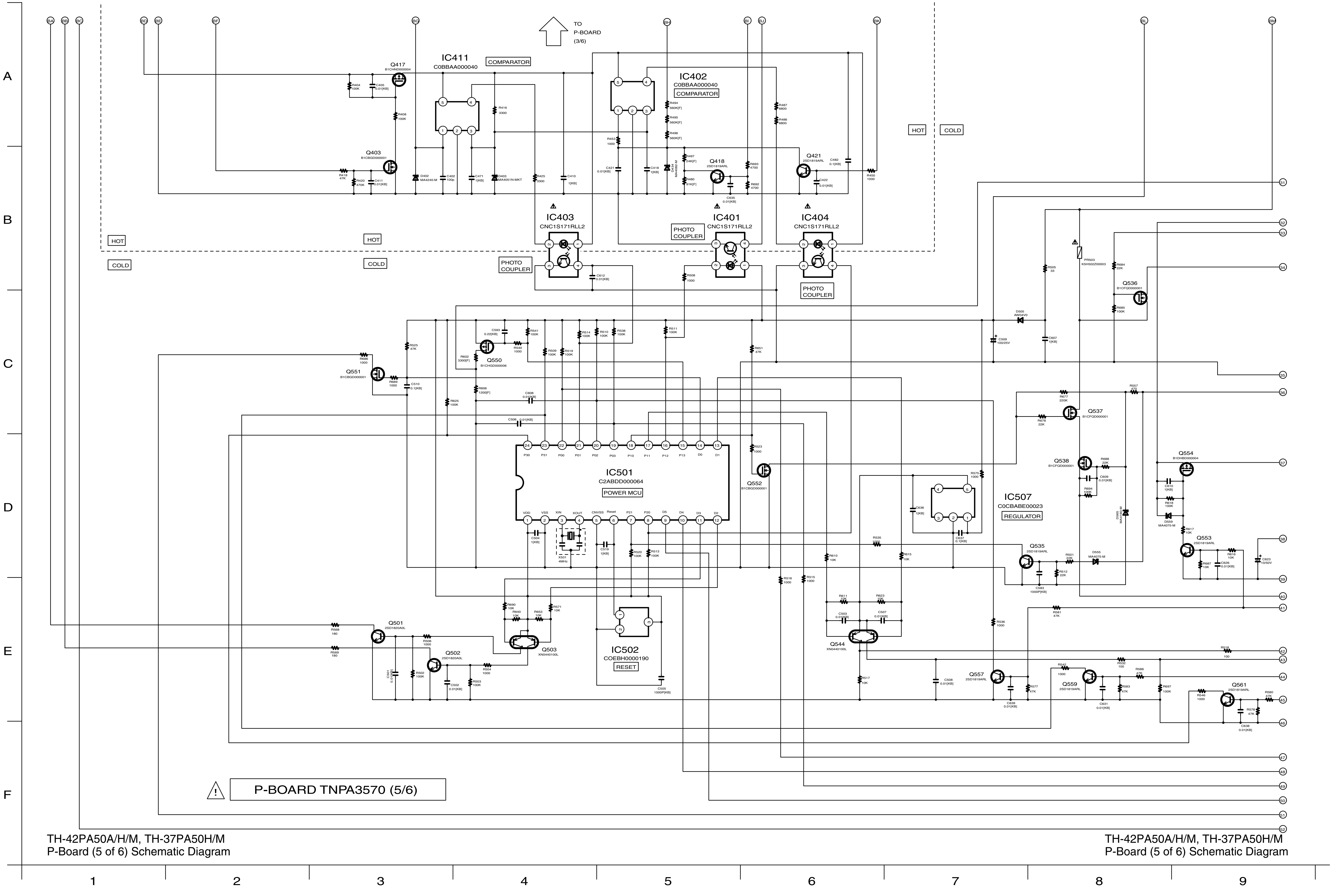
TH-42PA50A/H/M, TH-37PA50H/M P-Board (3 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M P-Board (3 of 6) Schematic Diagram

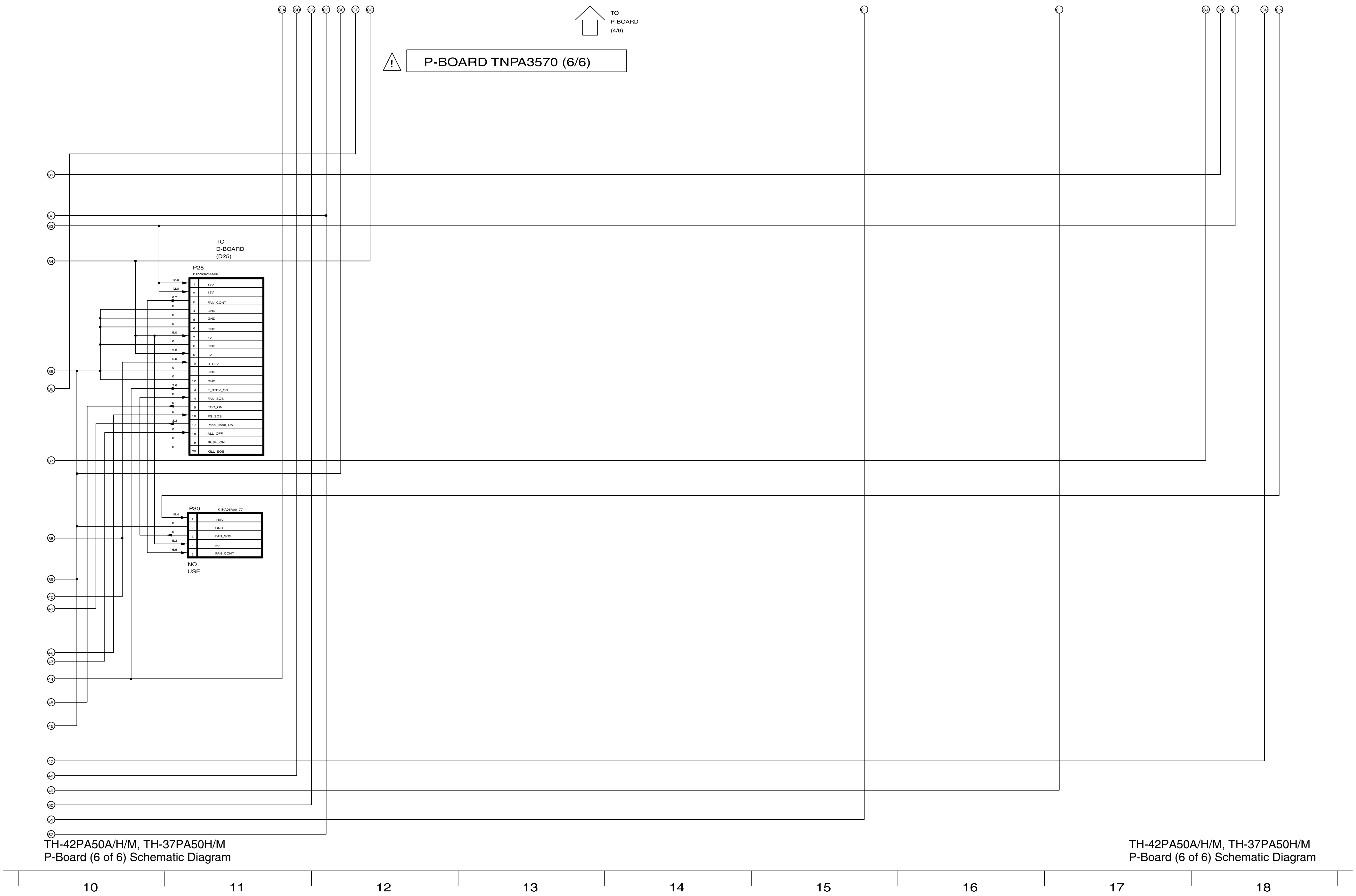
14.7. P-Board (4 of 6) Schematic Diagram


P-BOARD TNPA3570 (4/6)
TO P-BOARD (2/6)
TO P-BOARD (6/6)
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
CA
CB
CC
CD
CE
CF
CG
CH
CI
CJ
CK
CL
CM
CN
11
12
13
14
15
16
17
18
19
C525
820/25V
P10
K1KA06A00220
14.0
0
1 F_STB_14V
2 F_STB_14V
3 F_STB_14V
4 GND
5 GND
6 GND
TO
PA-BOARD
(PA10)
C591
0.015
C592
0.015
R696
10
D586
1SR153
C603
47
L502
1mH
C518
1[KB]
D506
MA4051N-MKT
R608
3300
R695
16K[F]
R652
9.1K[F]
R671
10K
C640
0.1[KB]
IC509
C0DABZZ00010
Vcc
GD
GND
ZCD
INV
COMP
VFF
CS
C633
0.01[KB]
R601
47K
R603
3300
C634
1000P[KB]
R543
2200
C632
***
R657
1000
R654
100
D587
MA188
Q507
B1DAGQ000013
Q506
B1CHND000004
ZH27
ZH28
C616
1000P
PR601
T 3.15A 250V
ZH29
ZH39
D501
RU30ALF014-102
R526
220K
R527
220K
R534
220K
R533
22K
R646
22K
R647
22K
R644
R68
R634
R68
R643
R68
R642
R68
R619
R68
R637
R68
D582
MA7056
ZH23
ZH24
ZH25
ZH46
ZH45
ZH44
ZH47
ZH26
C615
1700u/200V
C611
1700u/200V
T601
G4D2A0000227
D514
MAZ40620MF
IC505
CNC1S171RLL2
PHOTO
COUPLER
R595
2200
R620
10K
R589
12K
R590
12K
R621
12K
IC506
C0ZBZ0000878
SHUNT REGULATOR
Q505
B1CEJQ000002
R622
150K[F]
R648
150K[F]
R636
150K[F]
R626
150K[F]
R656
47K[F]
R627
7500
R628
3K
D575
MA188
C619
0.1[KB]
R691
100K
R658
1M
Q530
B1CBGD000001
D584
MA4075-M
C629
0.01[KB]
Q525
B1CBGD000001
C641
1000P[KB]
TO
SS-BOARD
(SS11)
P11
K1KA07A00096
185.1
1 NC
2 Vsus
3 Vsus
4 NC
5 GND
6 GND
7 GND
P2
K1KA06A00180
1 VSUS
2 VSUS
3 NC
4 GND
5 GND
6 GND
TO
SC-BOARD
(SC2)
10
11
12
13
14
15
16
17
18

14.8. P-Board (5 of 6) Schematic Diagram


TO
P-BOARD
(3/6)
IC411
C0BBAA000040
COMPARATOR
IC402
C0BBAA000040
COMPARATOR
Q417
Q403
Q418
Q421
IC403
CNC1S171RLL2
PHOTO
COUPLER
IC401
CNC1S171RLL2
PHOTO
COUPLER
IC404
CNC1S171RLL2
PHOTO
COUPLER
HOT
COLD
Q536
Q537
Q538
Q550
Q551
Q552
Q554
Q553
Q535
IC501
C2ABDD000064
POWER MCU
IC507
C0CBABE00023
REGULATOR
IC502
COEBH0000190
RESET
Q501
Q502
Q503
Q544
Q557
Q559
Q561
P-BOARD TNPA3570 (5/6)
TH-42PA50A/H/M, TH-37PA50H/M
P-Board (5 of 6) Schematic Diagram
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

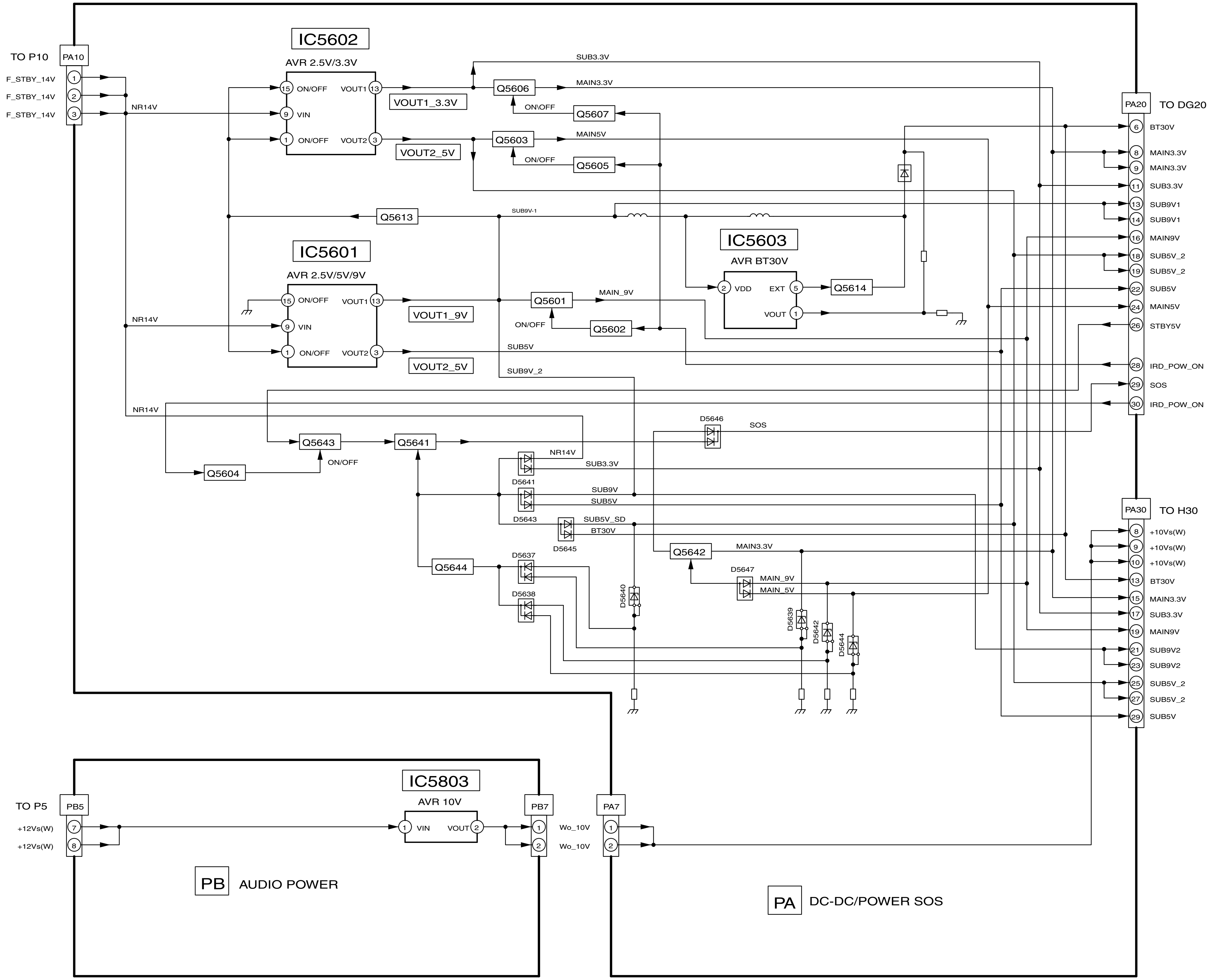
14.9. P-Board (6 of 6) Schematic Diagram


CA
CB
CC
CD
CE
CF
CG
TO
P-BOARD
(4/6)
CH
CI
CJ
CK
CL
CM
CN
P-BOARD TNPA3570 (6/6)
!
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
TO
D-BOARD
(D25)
P25
K1KA20A00085
12.0
12.0
6.7
0
0
0
5.0
0
5.0
5.0
0
0
2.6
0
0
0
3.2
0
0
0
1 12V
2 12V
3 FAN_CONT
4 GND
5 GND
6 GND
7 5V
8 GND
9 5V
10 STB5V
11 GND
12 GND
13 F_STBY_ON
14 FAN_SOS
15 ECO_ON
16 PS_SOS
17 Panel_Main_ON
18 ALL_OFF
19 RUSH_ON
20 KILL_SOS
P30
K1KA05A00177
15.4
0
0
5.3
6.6
1 +15V
2 GND
3 FAN_SOS
4 5V
5 FAN_CONT
NO
USE
10
11
12
13
14
15
16
17
18

TH-42PA50A/H/M, TH-37PA50H/M
P-Board (6 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
P-Board (6 of 6) Schematic Diagram

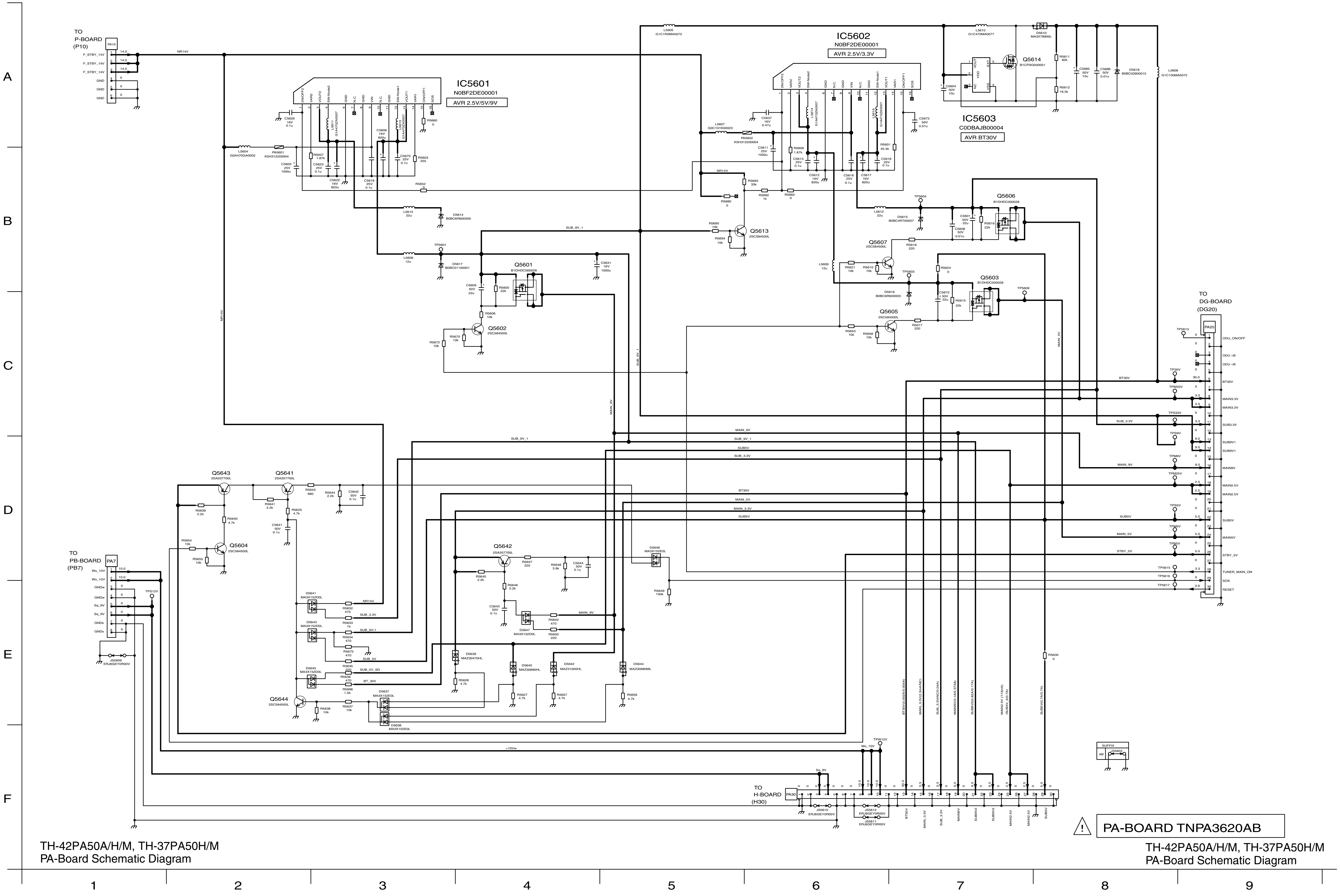
14.10. PA and PB-Board Block Diagram


TO P10
PA10
F_STBY_14V
F_STBY_14V
F_STBY_14V
NR14V
IC5602
AVR 2.5V/3.3V
ON/OFF
VIN
VOUT1
VOUT2
VOUT1_3.3V
VOUT2_5V
SUB3.3V
MAIN3.3V
Q5606
ON\OFF
Q5607
Q5603
MAIN5V
ON/OFF
Q5605
Q5613
SUB9V-1
IC5603
AVR BT30V
VDD
EXT
VOUT
Q5614
IC5601
AVR 2.5V/5V/9V
VOUT1_9V
VOUT2_5V
Q5601
MAIN_9V
Q5602
SUB5V
SUB9V_2
Q5643
Q5641
Q5604
ON/OFF
D5646
SOS
D5641
D5643
D5645
NR14V
SUB3.3V
SUB9V
SUB5V
SUB5V_SD
BT30V
Q5642
MAIN3.3V
D5647
MAIN_9V
MAIN_5V
Q5644
D5637
D5638
D5640
D5639
D5642
D5644
PA20
TO DG20
BT30V
MAIN3.3V
MAIN3.3V
SUB3.3V
SUB9V1
SUB9V1
MAIN9V
SUB5V_2
SUB5V_2
SUB5V
MAIN5V
STBY5V
IRD_POW_ON
SOS
IRD_POW_ON
PA30
TO H30
+10Vs(W)
+10Vs(W)
+10Vs(W)
BT30V
MAIN3.3V
SUB3.3V
MAIN9V
SUB9V2
SUB9V2
SUB5V_2
SUB5V_2
SUB5V
TO P5
PB5
+12Vs(W)
+12Vs(W)
IC5803
AVR 10V
VIN
VOUT
PB7
Wo_10V
Wo_10V
PA7
PB AUDIO POWER
PA DC-DC/POWER SOS

TH-42PA50A/H/M, TH-37PA50H/M
PA and PB-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
PA and PB-Board Block Diagram

14.11. PA-Board Schematic Diagram

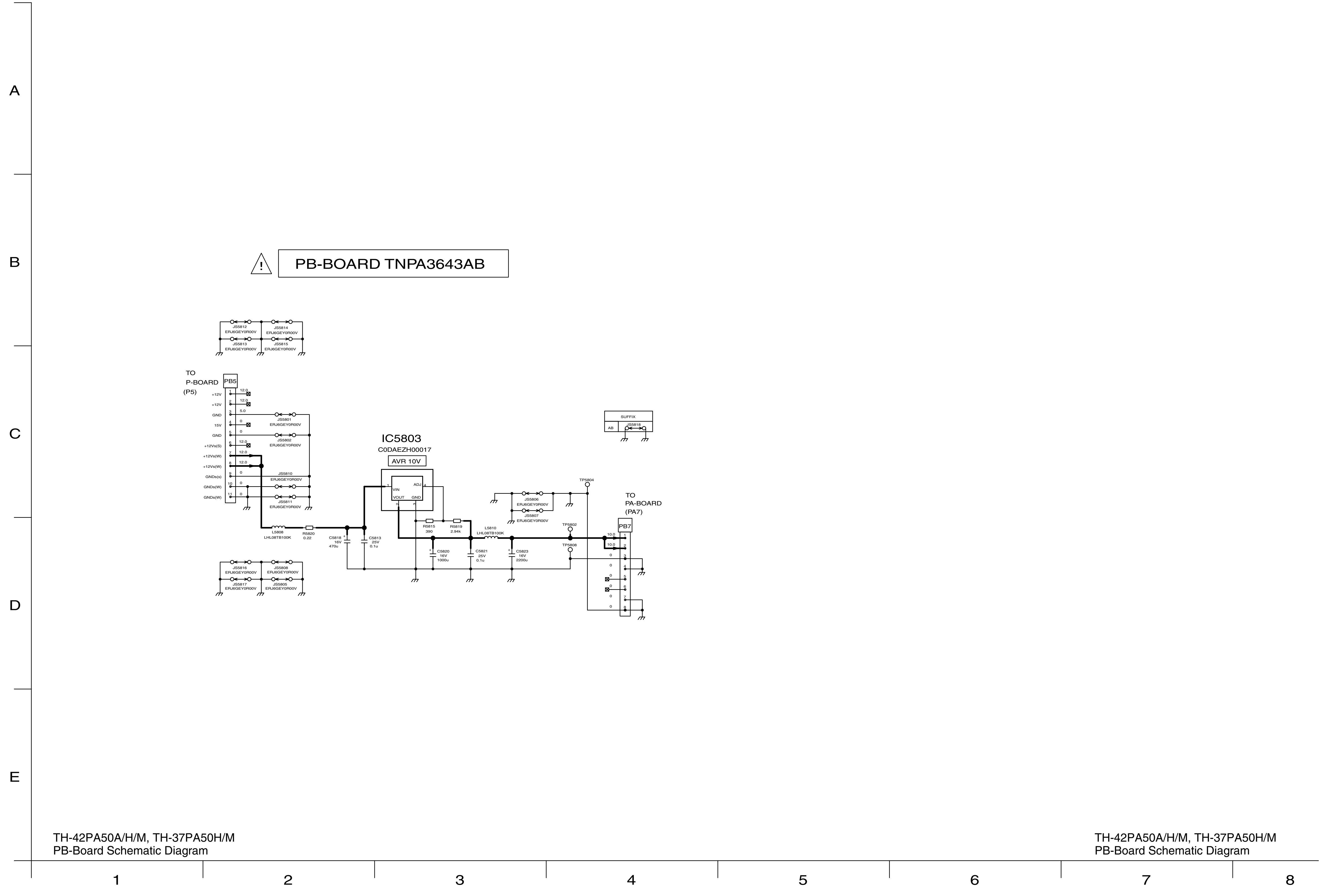

A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
TO
P-BOARD
(P10)
PA10
F_STBY_14V
GND
NR14V
IC5601
N0BF2DE00001
AVR 2.5V/5V/9V
IC5602
N0BF2DE00001
AVR 2.5V/3.3V
IC5603
C0DBAJB00004
AVR BT30V
Q5601
B1DHDC000028
Q5602
2SC584500L
Q5603
B1DHDC000028
Q5605
2SC584500L
Q5606
B1DHDC000028
Q5607
2SC584500L
Q5613
2SC584500L
Q5614
B1CFNG000001
Q5641
2SA207700L
Q5642
2SA207700L
Q5643
2SA207700L
Q5644
2SC584500L
Q5604
2SC584500L
TO
DG-BOARD
(DG20)
PA20
ODU_ON/OFF
ODU +B
BT30V
MAIN3.3V
SUB3.3V
SUB9V1
MAIN9V
MAIN2.5V
SUB5V
MAIN5V
STBY_5V
TUNER_MAIN_ON
SOS
RESET
TO
PB-BOARD
(PB7)
PA7
Wo_10V
GNDw
Sq_9V
GNDs
TO
H-BOARD
(H30)
PA30
SUB_9V_1
MAIN_9V
SUB5V
SUB_3.3V
BT30V
MAIN_5V
MAIN_3.3V
+10Vw
SUFFIX
AB
JS5602

TH-42PA50A/H/M, TH-37PA50H/M
PA-Board Schematic Diagram

⚠ PA-BOARD TNPA3620AB

TH-42PA50A/H/M, TH-37PA50H/M
PA-Board Schematic Diagram

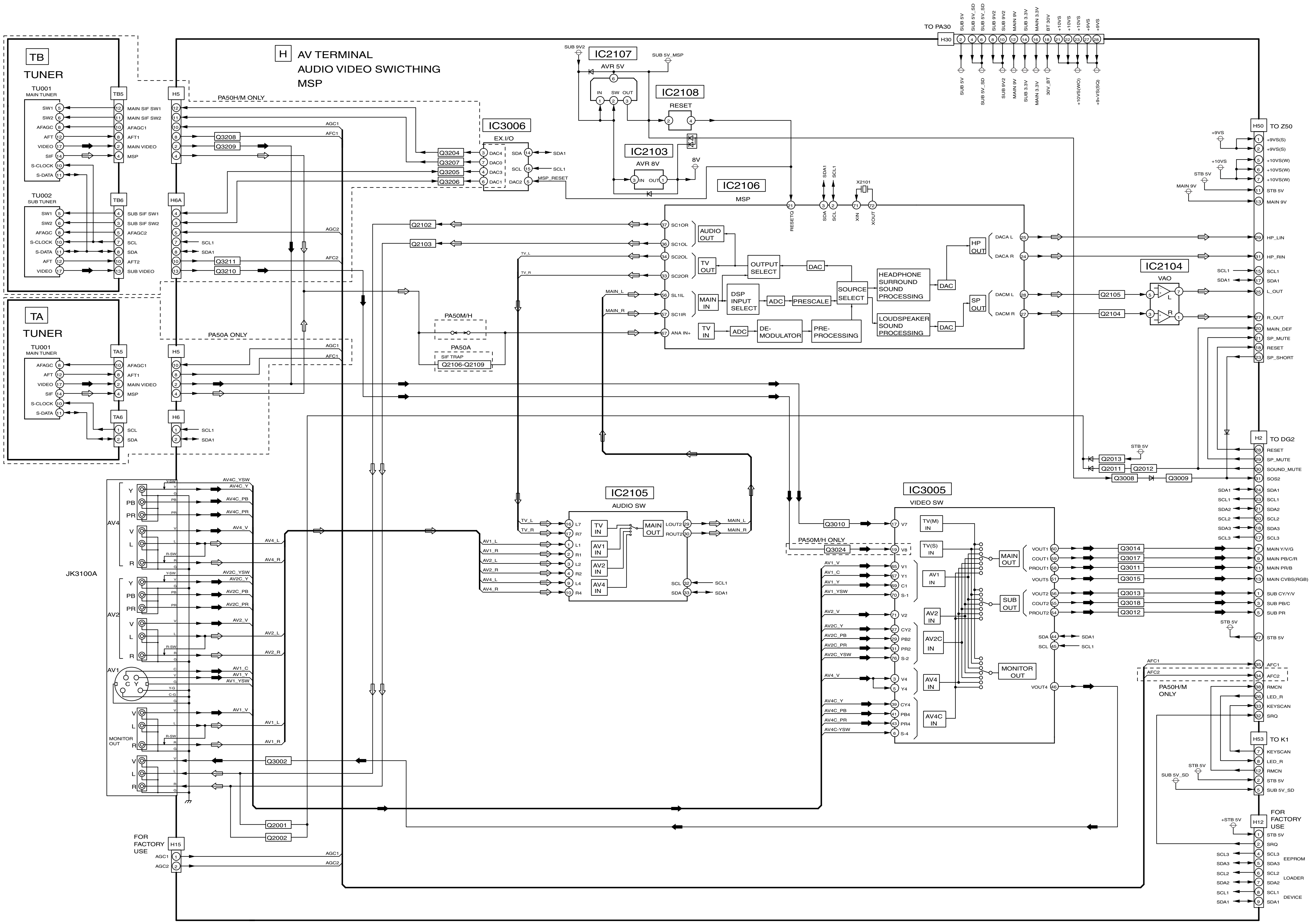
14.12. PB-Board Schematic Diagram


A
B
C
D
E
1
2
3
4
5
6
7
8
PB-BOARD TNPA3643AB
JS5812
ERJ6GEY0R00V
JS5814
ERJ6GEY0R00V
JS5813
ERJ6GEY0R00V
JS5815
ERJ6GEY0R00V
TO
P-BOARD
(P5)
PB5
+12V
+12V
GND
15V
GND
+12Vs(S)
+12Vs(W)
+12Vs(W)
GNDs(s)
GNDs(W)
GNDs(W)
12.0
12.0
5.0
0
0
12.0
12.0
12.0
0
0
0
JS5801
ERJ6GEY0R00V
JS5802
ERJ6GEY0R00V
JS5810
ERJ6GEY0R00V
JS5811
ERJ6GEY0R00V
L5808
LHL08TB100K
R5820
0.22
C5818
16V
470u
C5813
25V
0.1u
IC5803
C0DAEZH00017
AVR 10V
VIN
ADJ
VOUT
GND
R5815
390
R5819
2.94k
C5820
16V
1000u
C5821
25V
0.1u
L5810
LHL08TB100K
C5823
16V
2200u
JS5806
ERJ6GEY0R00V
JS5807
ERJ6GEY0R00V
TP5804
TP5802
TP5808
TO
PA-BOARD
(PA7)
PB7
10.0
10.0
0
0
0
0
0
0
SUFFIX
AB
JS5818
JS5816
ERJ6GEY0R00V
JS5808
ERJ6GEY0R00V
JS5817
ERJ6GEY0R00V
JS5805
ERJ6GEY0R00V

TH-42PA50A/H/M, TH-37PA50H/M
PB-Board Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
PB-Board Schematic Diagram

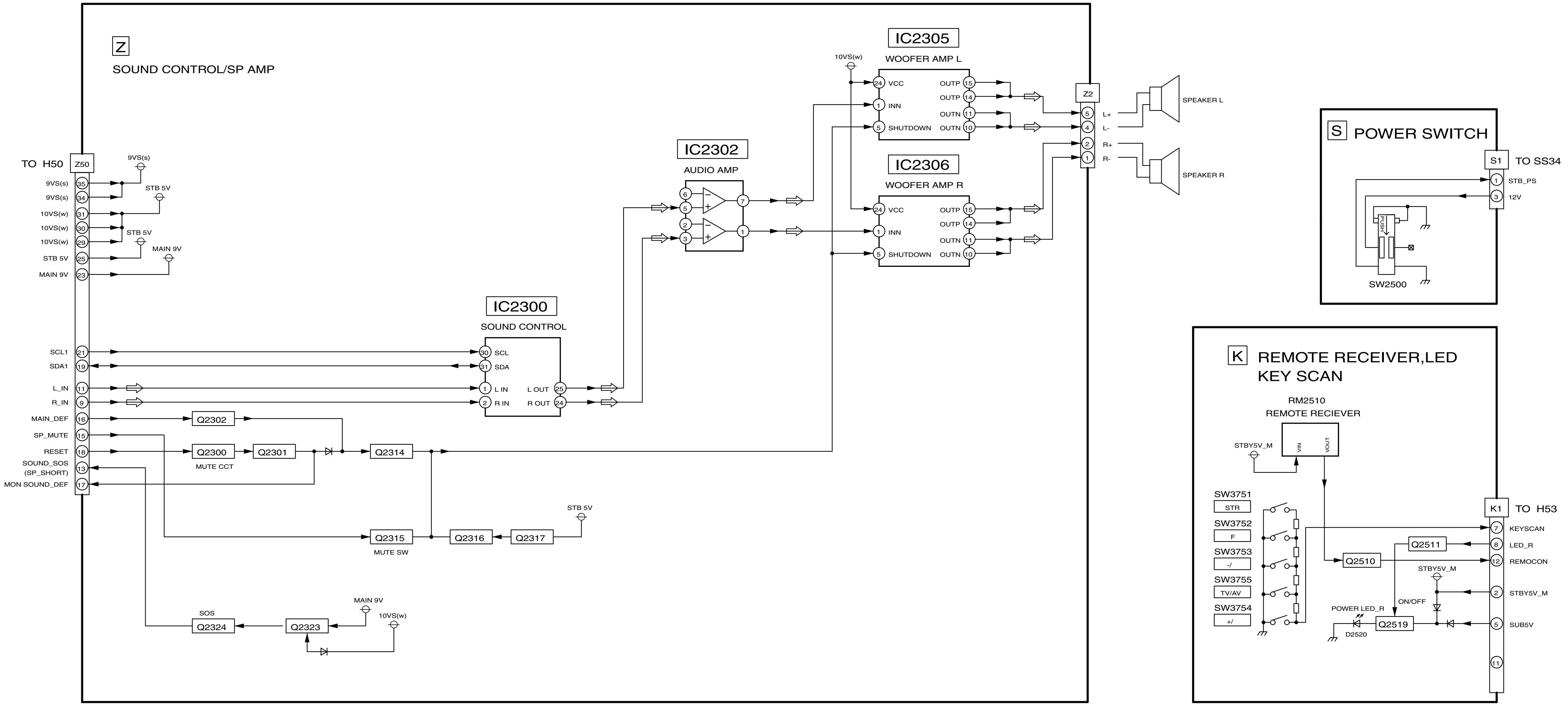
14.13. H, TA and TB-Board Block Diagram


TB
TUNER
TU001 MAIN TUNER
TU002 SUB TUNER
TA
TUNER
TU001 MAIN TUNER
TB5
TB6
TA5
TA6
H5
H6A
H6
H AV TERMINAL
AUDIO VIDEO SWICTHING
MSP
PA50H/M ONLY
PA50A ONLY
IC3006
EX.I/O
IC2107
AVR 5V
IC2108
RESET
IC2103
AVR 8V
IC2106
MSP
AUDIO OUT
TV OUT
OUTPUT SELECT
DAC
DSP INPUT SELECT
ADC
PRESCALE
SOURCE SELECT
HEADPHONE SURROUND SOUND PROCESSING
LOUDSPEAKER SOUND PROCESSING
MAIN IN
TV IN
DE-MODULATOR
PRE-PROCESSING
HP OUT
SP OUT
IC2104
VAO
PA50M/H
PA50A
SIF TRAP
Q2106-Q2109
IC2105
AUDIO SW
IC3005
VIDEO SW
MAIN OUT
SUB OUT
MONITOR OUT
JK3100A
AV4
AV2
AV1
MONITOR OUT
TO PA30
H30
TO Z50
H50
TO DG2
H2
TO K1
H53
FOR FACTORY USE
H12
H15
EEPROM
LOADER
DEVICE

TH-42PA50A H and TA-Board Block Diagram
TH-37/42PA50H/M H and TB-Board Block Diagram

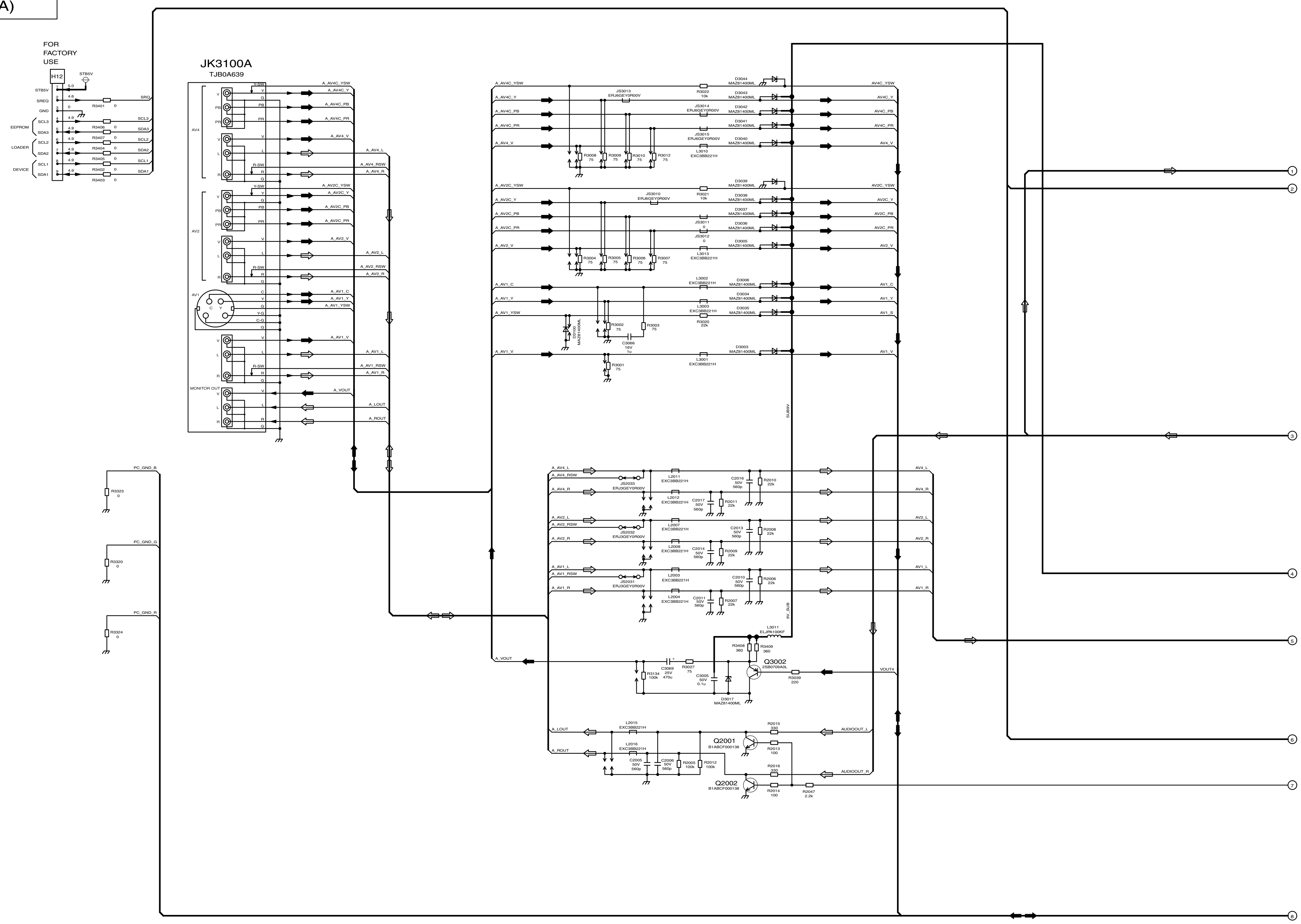
TH-42PA50A H and TA-Board Block Diagram
TH-37/42PA50H/M H and TB-Board Block Diagram

14.14. K, S and Z-Board Block Diagram


Z
SOUND CONTROL/SP AMP
TO H50
Z50
9VS(s) 35
9VS(s) 34
10VS(w) 31
10VS(w) 30
10VS(w) 29
STB 5V 25
MAIN 9V 23
9VS(s)
STB 5V
STB 5V
MAIN 9V
SCL1 21
SDA1 19
L_IN 11
R_IN 9
MAIN_DEF 16
SP_MUTE 15
RESET 18
SOUND_SOS (SP_SHORT) 13
MON SOUND_DEF 17
IC2300
SOUND CONTROL
30 SCL
31 SDA
1 L IN
2 R IN
L OUT 25
R OUT 24
Q2302
Q2300
Q2301
MUTE CCT
Q2314
Q2315
MUTE SW
Q2316
Q2317
STB 5V
SOS
Q2324
Q2323
MAIN 9V
10VS(w)
IC2302
AUDIO AMP
6
5
2
3
7
1
10VS(w)
IC2305
WOOFER AMP L
24 VCC
1 INN
5 SHUTDOWN
OUTP 15
OUTP 14
OUTN 11
OUTN 10
IC2306
WOOFER AMP R
24 VCC
1 INN
5 SHUTDOWN
OUTP 15
OUTP 14
OUTN 11
OUTN 10
Z2
5 L+
4 L-
2 R+
1 R-
SPEAKER L
SPEAKER R
S
POWER SWITCH
S1
TO SS34
1 STB_PS
3 12V
PUSH
SW2500
K
REMOTE RECEIVER,LED
KEY SCAN
RM2510
REMOTE RECIEVER
STBY5V_M
VIN
VOUT
SW3751
STR
SW3752
F
SW3753
-/
SW3755
TV/AV
SW3754
+/
K1
TO H53
7 KEYSCAN
8 LED_R
12 REMOCON
2 STBY5V_M
5 SUB5V
11
Q2511
Q2510
STBY5V_M
ON/OFF
POWER LED_R
Q2519
D2520

14.15. H Board (1 of 3) Schematic Diagram

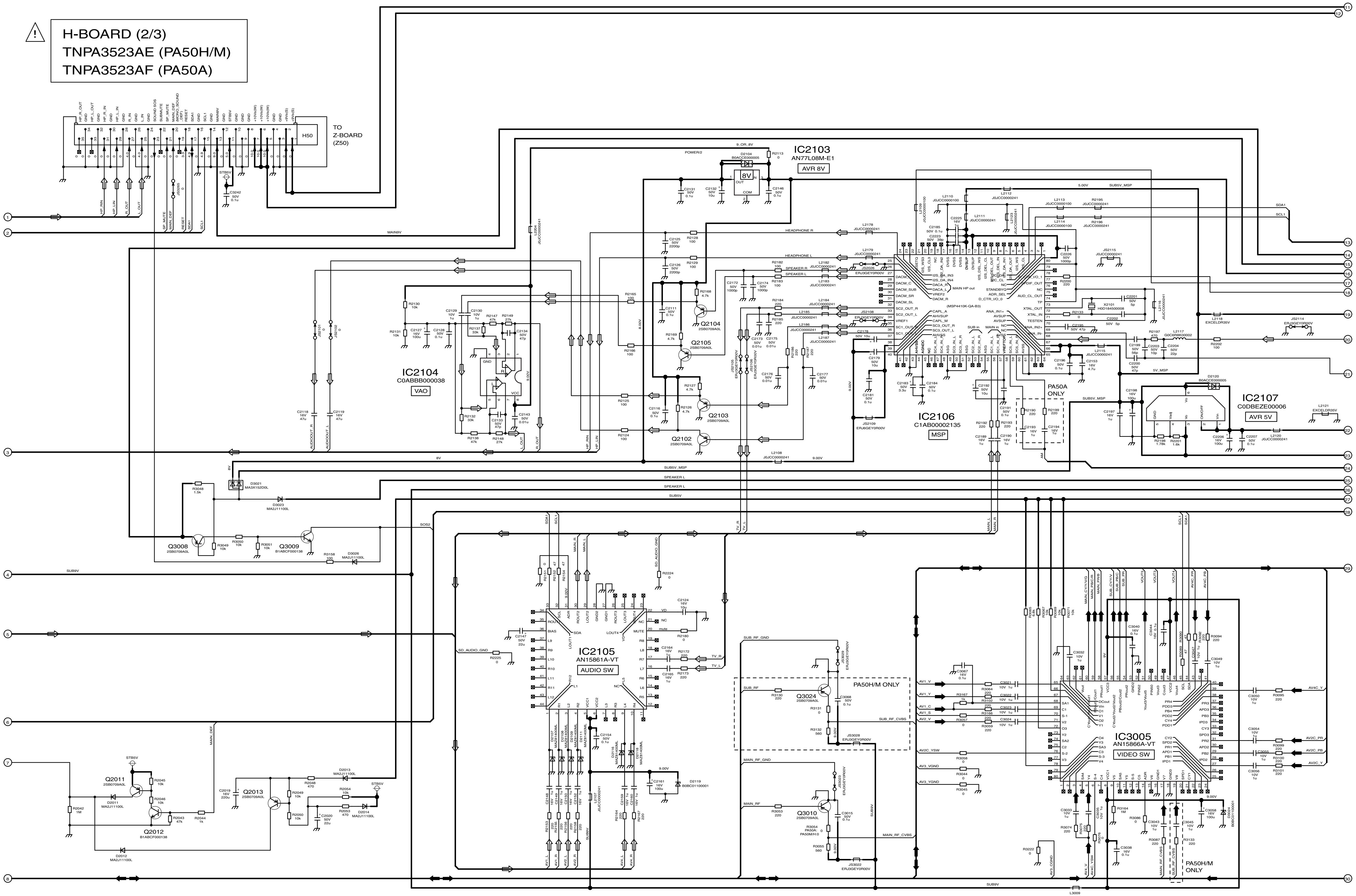
⚠ H-BOARD (1/3)
TNPA3523AE (PA50H/M)
TNPA3523AF (PA50A)


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
FOR FACTORY USE
H12
STB5V
STB5V
SREQ
GND
EEPROM
SCL3
SDA3
LOADER
SCL2
SDA2
DEVICE
SCL1
SDA1
5.0
4.6
0
4.9
R3401 0
R3406 0
R3407 0
R3404 0
R3405 0
R3402 0
R3403 0
SRQ
SCL3
SDA3
SCL2
SDA2
SCL1
SDA1
JK3100A
TJB0A639
AV4
AV2
AV1
MONITOR OUT
Y
PB
PR
V
L
R
G
Y-SW
R-SW
C
Y-G
C-G
A_AV4C_YSW
A_AV4C_Y
A_AV4C_PB
A_AV4C_PR
A_AV4_V
A_AV4_L
A_AV4_RSW
A_AV4_R
A_AV2C_YSW
A_AV2C_Y
A_AV2C_PB
A_AV2C_PR
A_AV2_V
A_AV2_L
A_AV2_RSW
A_AV2_R
A_AV1_C
A_AV1_Y
A_AV1_YSW
A_AV1_V
A_AV1_L
A_AV1_RSW
A_AV1_R
A_VOUT
A_LOUT
A_ROUT
PC_GND_B
PC_GND_G
PC_GND_R
R3323 0
R3320 0
R3324 0
JS3013 ERJ6GEY0R00V
JS3014 ERJ6GEY0R00V
JS3015 ERJ6GEY0R00V
L3010 EXC3BB221H
R3008 75
R3009 75
R3010 75
R3012 75
R3022 10k
D3044 MAZ81400ML
D3043 MAZ81400ML
D3042 MAZ81400ML
D3041 MAZ81400ML
D3040 MAZ81400ML
JS3010 ERJ6GEY0R00V
JS3011 0
JS3012 0
L3013 EXC3BB221H
R3004 75
R3005 75
R3006 75
R3007 75
R3021 10k
D3039 MAZ81400ML
D3038 MAZ81400ML
D3037 MAZ81400ML
D3036 MAZ81400ML
D3005 MAZ81400ML
L3002 EXC3BB221H
L3003 EXC3BB221H
R3020 22k
L3001 EXC3BB221H
D3006 MAZ81400ML
D3034 MAZ81400ML
D3035 MAZ81400ML
D3003 MAZ81400ML
D3100 MAZ81400ML
R3002 75
R3003 75
C3066 16V 1u
R3001 75
SUB9V
AV4C_YSW
AV4C_Y
AV4C_PB
AV4C_PR
AV4_V
AV2C_YSW
AV2C_Y
AV2C_PB
AV2C_PR
AV2_V
AV1_C
AV1_Y
AV1_S
AV1_V
JS2033 ERJ3GEY0R00V
JS2032 ERJ3GEY0R00V
JS2031 ERJ3GEY0R00V
L2011 EXC3BB221H
L2012 EXC3BB221H
L2007 EXC3BB221H
L2008 EXC3BB221H
L2003 EXC3BB221H
L2004 EXC3BB221H
C2016 50V 560p
C2017 50V 560p
C2013 50V 560p
C2014 50V 560p
C2010 50V 560p
C2011 50V 560p
R2010 22k
R2011 22k
R2008 22k
R2009 22k
R2006 22k
R2007 22k
AV4_L
AV4_R
AV2_L
AV2_R
AV1_L
AV1_R
9V_SUB
L3011 ELJPA100KF
R3408 360
R3409 360
Q3002 2SB0709A0L
R3039 220
VOUT4
R3134 100k
C3069 25V 470u
R3027 75
C3005 50V 0.1u
D3017 MAZ81400ML
L2015 EXC3BB221H
L2016 EXC3BB221H
C2005 50V 560p
C2006 50V 560p
R2005 100k
R2012 100k
Q2001 B1ABCF000138
Q2002 B1ABCF000138
R2015 330
R2013 100
R2016 330
R2014 100
R2047 2.2k
AUDIOOUT_L
AUDIOOUT_R
①
②
③
④
⑤
⑥
⑦
⑧

TH-42PA50A/H/M, TH-37PA50H/M
H-Board (1 of 3) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
H-Board (1 of 3) Schematic Diagram

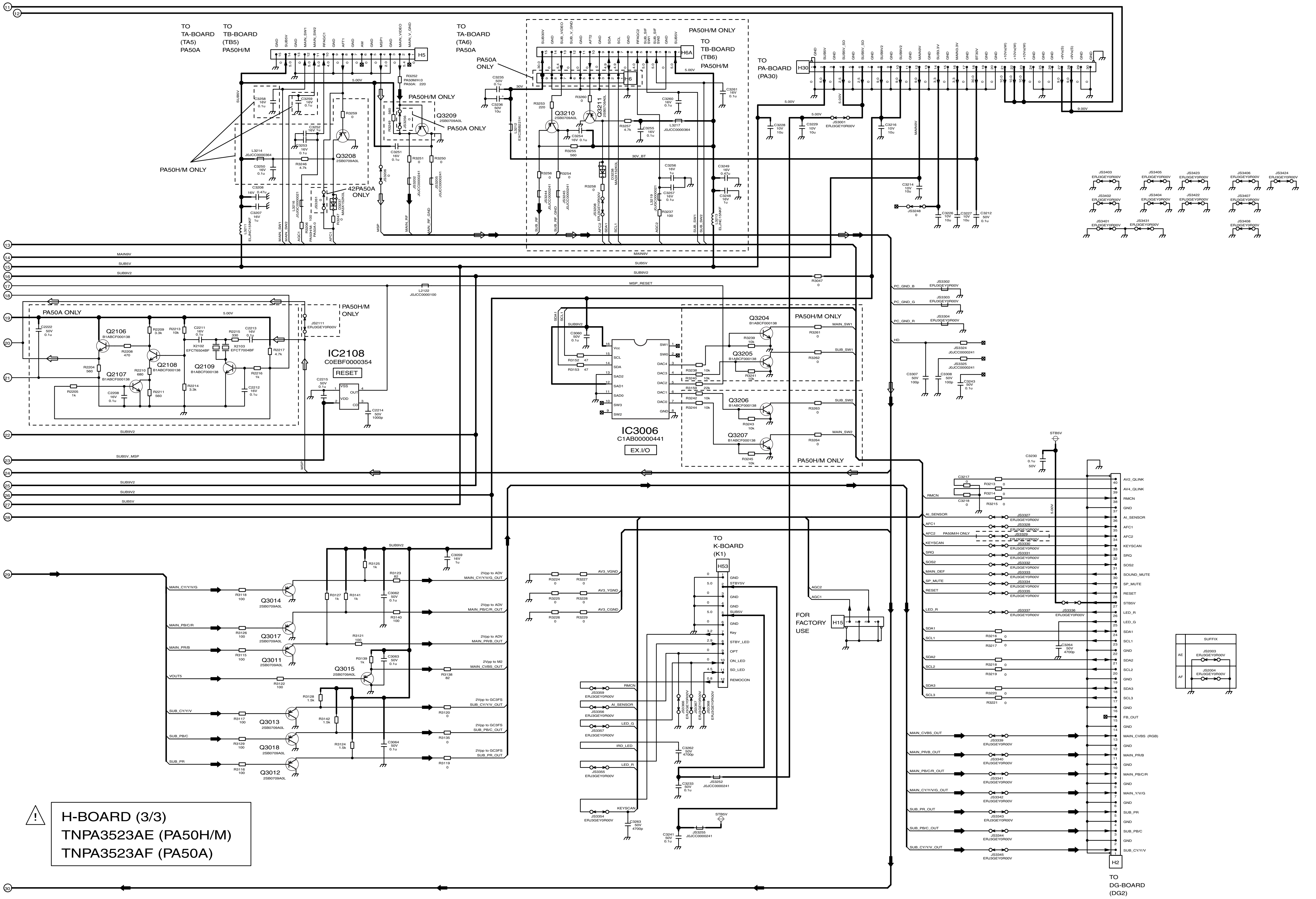
14.16. H-Board (2 of 3) Schematic Diagram


H-BOARD (2/3)
TNPA3523AE (PA50H/M)
TNPA3523AF (PA50A)
TO
Z-BOARD
(Z50)
H50
IC2103
AN77L08M-E1
AVR 8V
IC2104
C0ABB000038
VAO
IC2105
AN15861A-VT
AUDIO SW
IC2106
C1AB00002135
MSP
IC2107
C0DBEZE00006
AVR 5V
IC3005
AN15866A-VT
VIDEO SW
PA50A
ONLY
PA50H/M ONLY
PA50H/M
ONLY
Q2102
Q2103
Q2104
Q2105
Q2011
Q2012
Q2013
Q3008
Q3009
Q3010
Q3024
MAIN9V
SUB9V
SUB5V
SUB5V_MSP
SPEAKER L
SPEAKER R
HEADPHONE R
HEADPHONE L
SDA1
SCL1
SOS2
8V
9.00V
5.00V
10
11
12
13
14
15
16
17
18

TH-42PA50A/H/M, TH-37PA50H/M
H-Board (2 of 3) Schematic Diagram

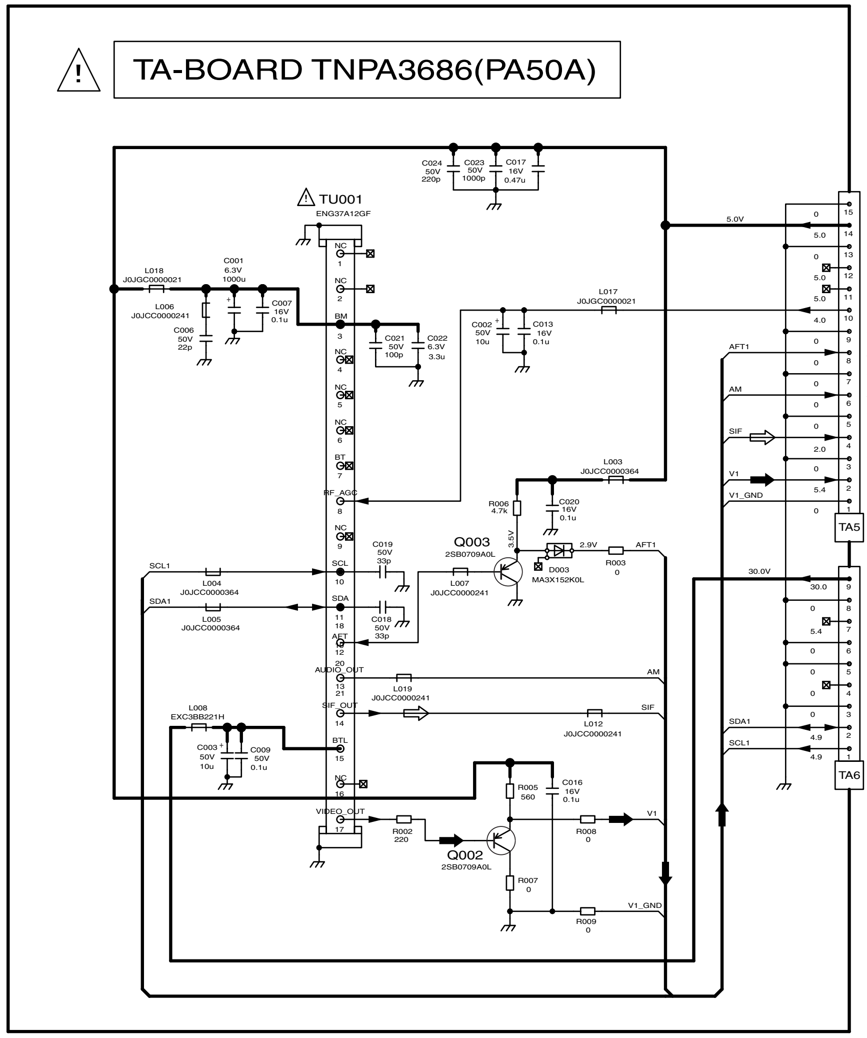
TH-42PA50A/H/M, TH-37PA50H/M
H-Board (2 of 3) Schematic Diagram

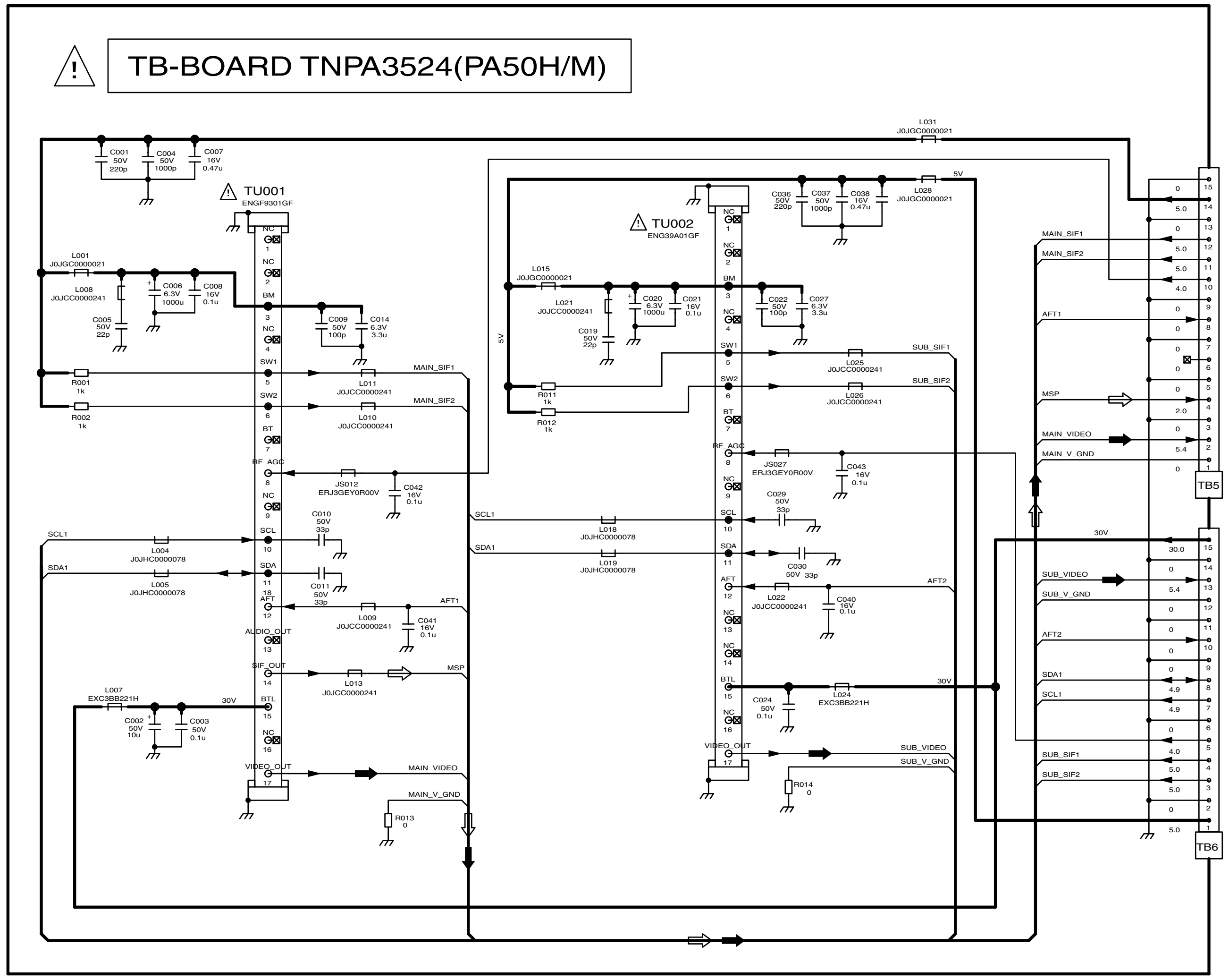
14.17. H-Board (3 of 3) Schematic Diagram


TO TA-BOARD (TA5) PA50A
TO TB-BOARD (TB5) PA50H/M
H5
TO TA-BOARD (TA6) PA50A
PA50A ONLY
TO TB-BOARD (TB6) PA50H/M
PA50H/M ONLY
H6A
H6
TO PA-BOARD (PA30)
H30
PA50H/M ONLY
PA50A ONLY
42PA50A ONLY
Q3208
Q3209
Q3210
Q3211
MAIN9V
SUB5V
SUB9V2
MSP_RESET
PA50A ONLY
Q2106
Q2107
Q2108
Q2109
IC2108
C0EBF0000354
RESET
IC3006
C1AB00000441
EX.I/O
Q3204
Q3205
Q3206
Q3207
MAIN_SW1
SUB_SW1
SUB_SW2
MAIN_SW2
PC_GND_B
PC_GND_G
PC_GND_R
HD
STB5V
Q3014
Q3017
Q3011
Q3015
Q3013
Q3018
Q3012
MAIN_CY/Y/V/G
MAIN_PB/C/R
MAIN_PR/B
VOUT5
SUB_CY/Y/V
SUB_PB/C
SUB_PR
TO K-BOARD (K1)
H53
FOR FACTORY USE
H15
RMCN
AI_SENSOR
LED_G
IRD_LED
LED_R
KEYSCAN
AGC2
AGC1
AV2_QLINK
AV4_QLINK
SOUND_MUTE
SP_MUTE
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
FB_OUT
MAIN_CVBS (RGB)
MAIN_PR/B
MAIN_PB/C/R
MAIN_Y/V/G
SUB_PR
SUB_PB/C
SUB_CY/Y/V
H2
TO DG-BOARD (DG2)
SUFFIX
AE
AF
JS2003
JS2004

H-BOARD (3/3)
TNPA3523AE (PA50H/M)
TNPA3523AF (PA50A)

14.18. TA and TB-Board Schematic Diagram

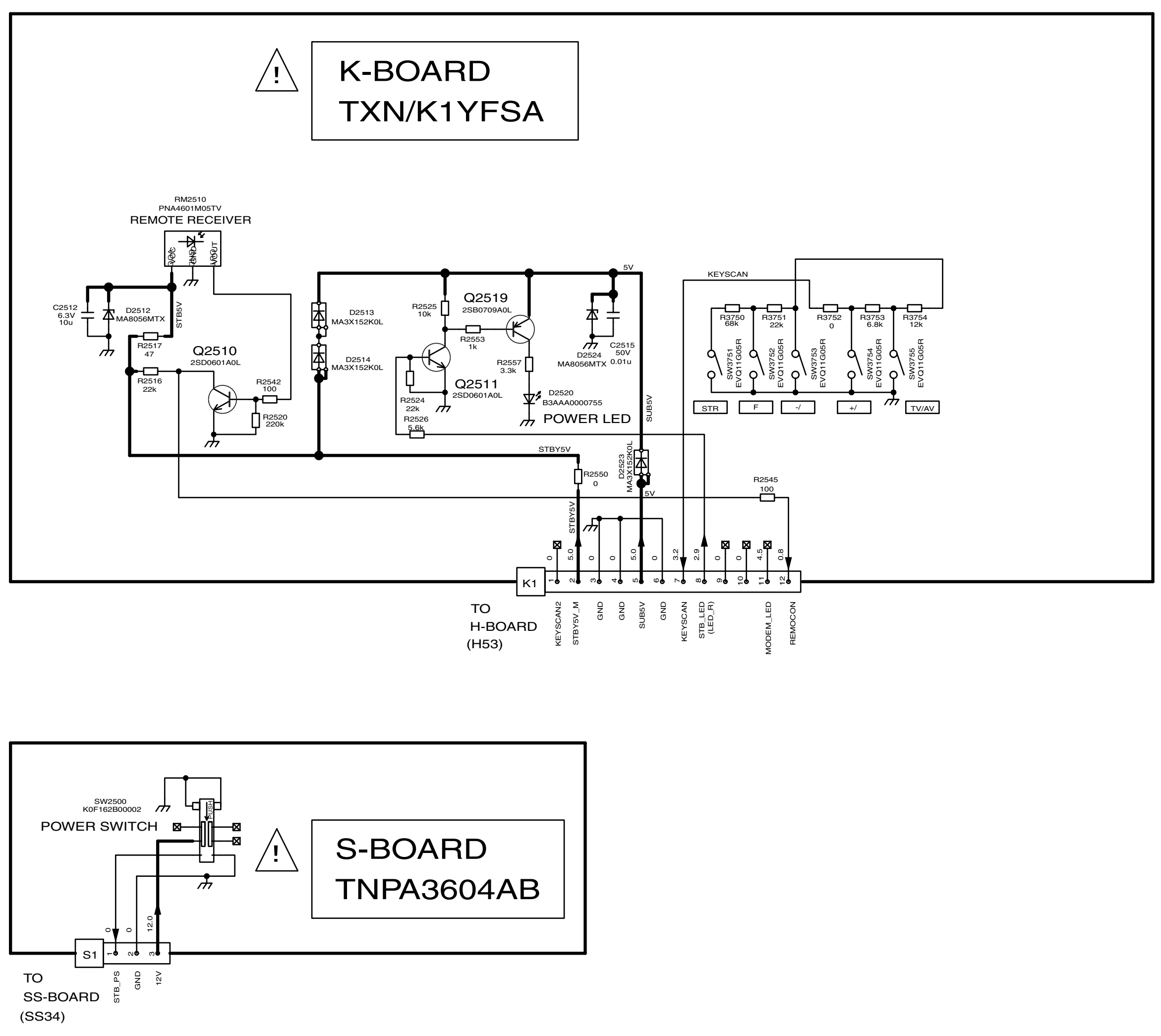

TA-BOARD TNPA3686(PA50A)
TU001
ENG37A12GF
Q003
2SB0709A0L
Q002
2SB0709A0L
D003
MA3X152K0L
TA5
TO
H-BOARD
(H5)
TA6
TO
H-BOARD
(H6A)
GND
SUB5V
NC(MAIN SIF_SW1)
NC(MAIN SIF_SW2)
RFAGC1
AFT1
AM
SIF1
MAIN_VIDEO
MAIN_V_GND
SUB30V
NC(SUB_VIDEO)
GND(SUB_V_GND)
NC(AFT2)
SDA
SCL
SCL1
SDA1
V1
V1_GND
5.0V
30.0V
2.9V
RF_AGC
AUDIO_OUT
SIF_OUT
VIDEO_OUT
BTL


TB-BOARD TNPA3524(PA50H/M)
TU001
ENGF9301GF
TU002
ENG39A01GF
TB5
TO
H-BOARD
(H5)
TB6
TO
H-BOARD
(H6A)
GND
SUB5V
MAIN SW1
MAIN SW2
RFAGC1
AFT1
AM
MSP1
MAIN_VIDEO
MAIN_V_GND
SUB30V
SUB_VIDEO
SUB_V_GND
AFT2
SDA
SCL
RFAGC2
SUB_SIF_SW1
SUB_SIF_SW2
MAIN_SIF1
MAIN_SIF2
SUB_SIF1
SUB_SIF2
MSP
SCL1
SDA1
5V
30V
RF_AGC
AUDIO_OUT
SIF_OUT
VIDEO_OUT
SW1
SW2
BTL

TH-42PA50A TA-Board Schematic Diagram
TH-37/42PA50H/M TB-Board Schematic Diagram

TH-42PA50A TA-Board Schematic Diagram
TH-37/42PA50H/M TB-Board Schematic Diagram

14.19. K and S-Board Schematic Diagram

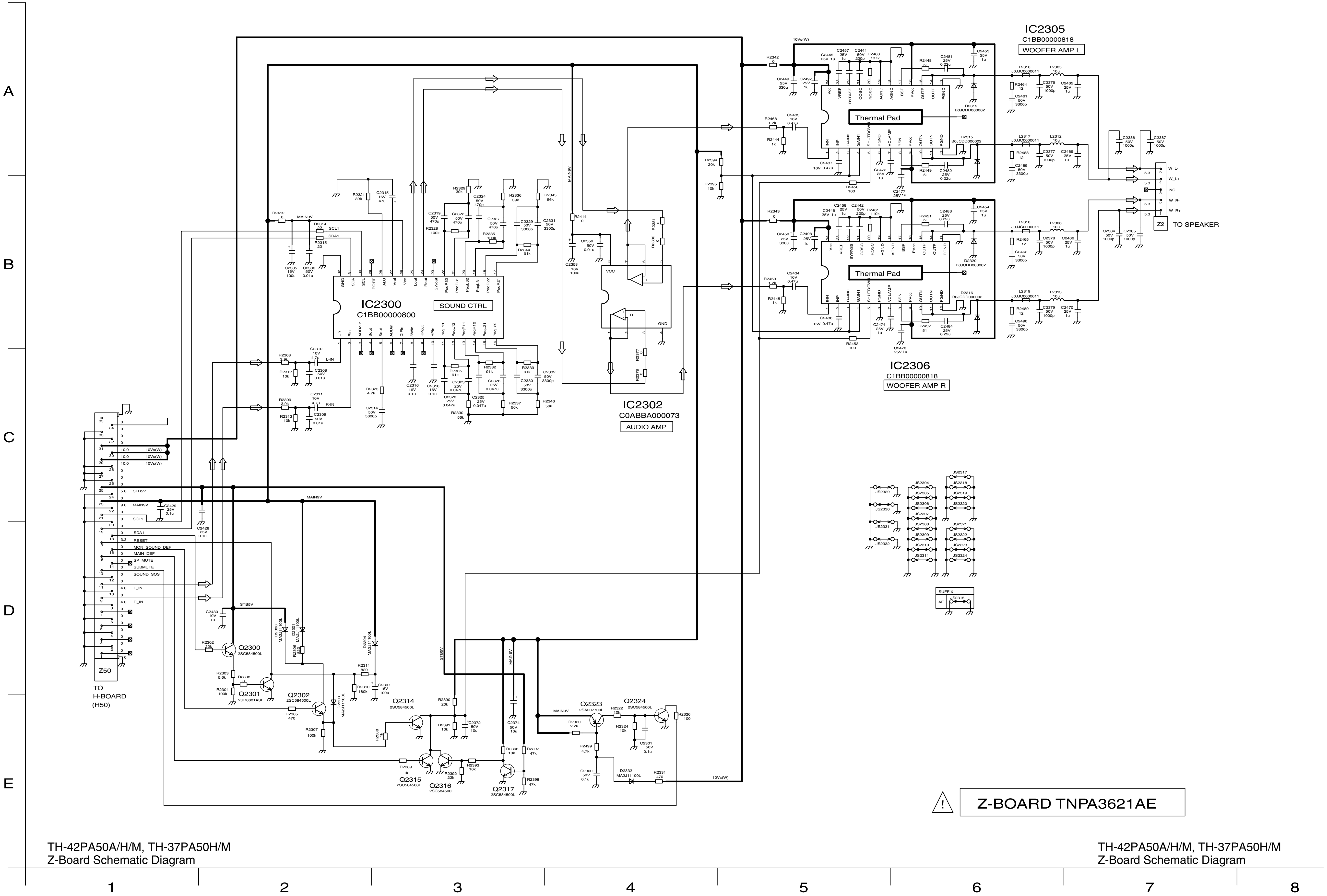

A
B
C
D
E
K-BOARD
TXN/K1YFSA
RM2510
PNA4601M05TV
REMOTE RECEIVER
VCC
GND
VOUT
C2512
6.3V
10u
D2512
MA8056MTX
STB5V
R2517
47
R2516
22k
Q2510
2SD0601A0L
R2542
100
R2520
220k
D2513
MA3X152K0L
D2514
MA3X152K0L
R2525
10k
Q2519
2SB0709A0L
R2553
1k
R2557
3.3k
Q2511
2SD0601A0L
R2524
22k
R2526
5.6k
D2520
B3AAA0000755
POWER LED
D2524
MA8056MTX
C2515
50V
0.01u
5V
SUB5V
STBY5V
R2550
0
D2523
MA3X152K0L
KEYSCAN
R3750
68k
R3751
22k
R3752
0
R3753
6.8k
R3754
12k
SW3751
EVQ11G05R
SW3752
EVQ11G05R
SW3753
EVQ11G05R
SW3754
EVQ11G05R
SW3755
EVQ11G05R
STR
F
-/
+/
TV/AV
R2545
100
K1
0
5.0
0
0
5.0
0
3.2
2.9
0
0
4.5
0.8
1
2
3
4
5
6
7
8
9
10
11
12
KEYSCAN2
STBY5V_M
GND
GND
SUB5V
GND
KEYSCAN
STB_LED
(LED_R)
MODEM_LED
REMOCON
TO
H-BOARD
(H53)
SW2500
K0F162B00002
POWER SWITCH
PUSH
S-BOARD
TNPA3604AB
S1
0
0
12.0
1
2
3
STB_PS
GND
12V
TO
SS-BOARD
(SS34)

TH-37PA50H/M, TH-42PA50A/H/M
K and S-Board Schematic Diagram

TH-37PA50H/M, TH-42PA50A/H/M
K and S-Board Schematic Diagram

1 2 3 4 5 6 7 8

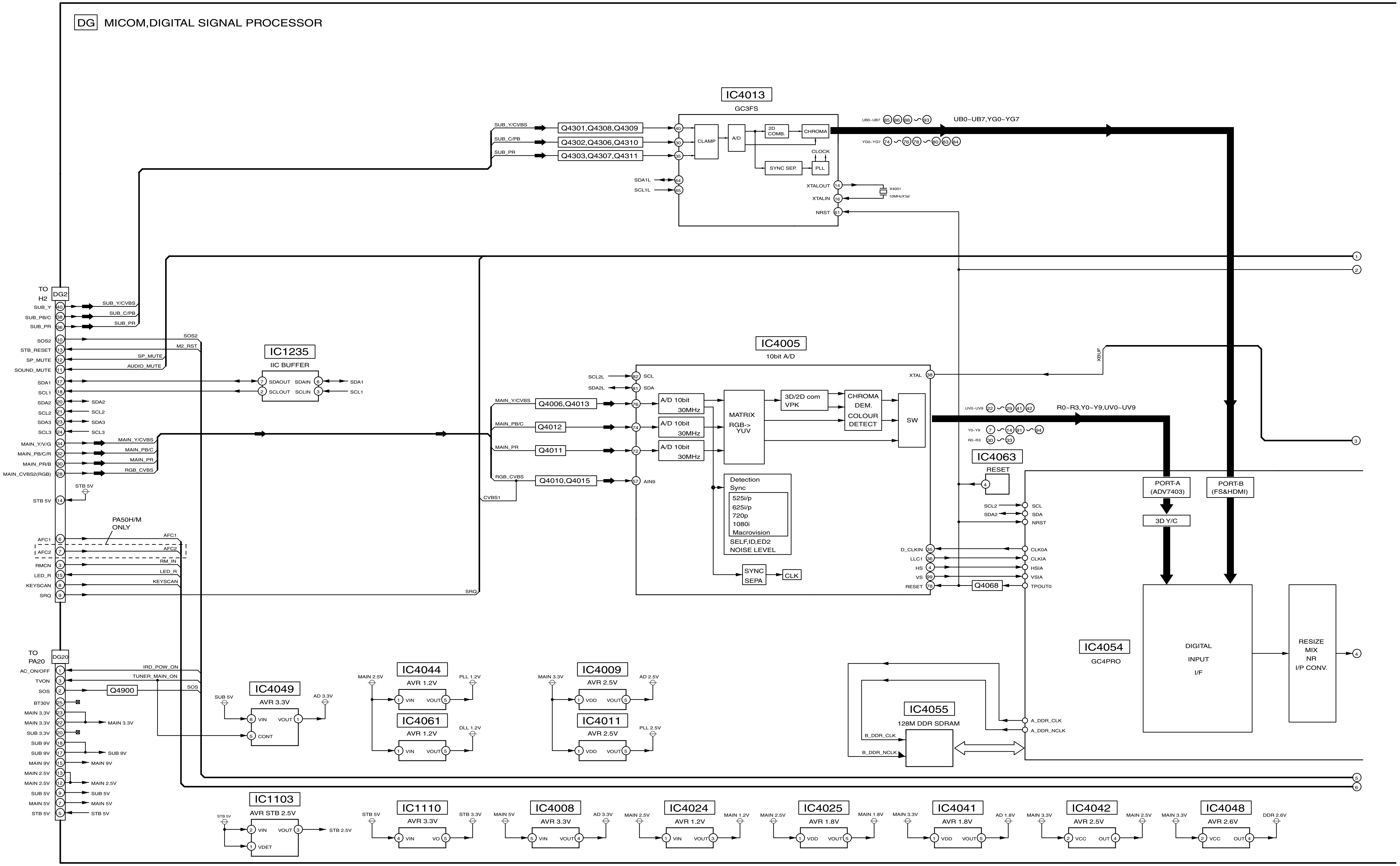
14.20. Z-Board Schematic Diagram


IC2300
C1BB00000800
SOUND CTRL
IC2302
C0ABBA000073
AUDIO AMP
IC2305
C1BB00000818
WOOFER AMP L
IC2306
C1BB00000818
WOOFER AMP R
Thermal Pad
Thermal Pad
Z2
TO SPEAKER
W_L-
W_L+
NC
W_R-
W_R+
Z50
TO
H-BOARD
(H50)
Q2300
Q2301
Q2302
Q2314
Q2315
Q2316
Q2317
Q2323
Q2324
MAIN9V
STB5V
10Vs(W)
SUFFIX
AE
JS2315
Z-BOARD TNPA3621AE
A
B
C
D
E
1
2
3
4
5
6
7
8

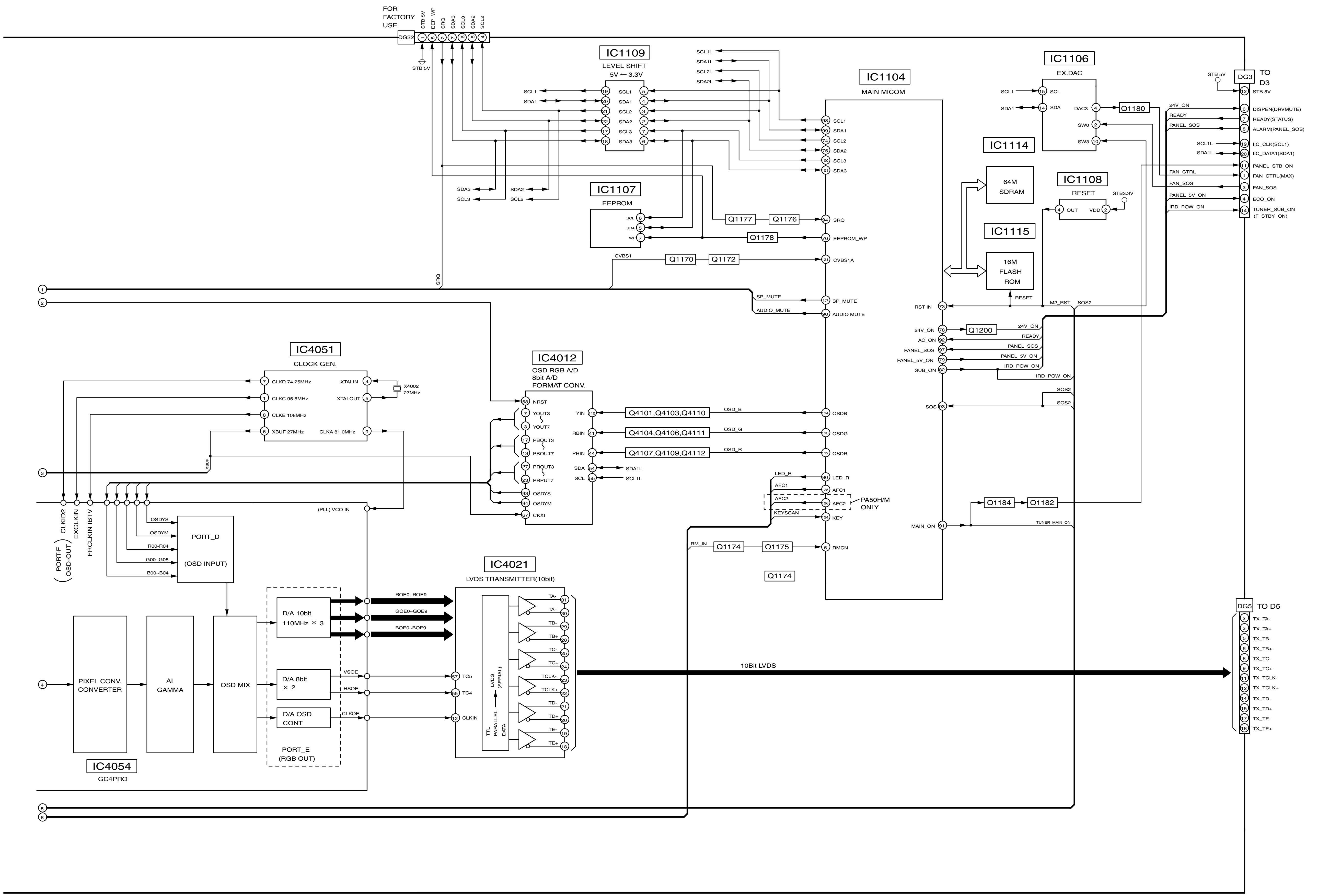
TH-42PA50A/H/M, TH-37PA50H/M
Z-Board Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
Z-Board Schematic Diagram

14.21. DG-Board (1 of 2) Block Diagram


DG
MICOM,DIGITAL SIGNAL PROCESSOR
IC4013
GC3FS
Q4301,Q4308,Q4309
Q4302,Q4306,Q4310
Q4303,Q4307,Q4311
CLAMP
A/D
2D COMB.
CHROMA
CLOCK
SYNC SEP.
PLL
SDA1L
SCL1L
XTALOUT
XTALIN
NRST
X4001
10MHzXtal
UB0~UB7,YG0~YG7
TO H2
DG2
SUB_Y
SUB_PB/C
SUB_PR
SOS2
STB_RESET
SP_MUTE
SOUND_MUTE
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
MAIN_Y/V/G
MAIN_PB/C/R
MAIN_PR/B
MAIN_CVBS2(RGB)
STB 5V
PA50H/M ONLY
AFC1
AFC2
RMCN
LED_R
KEYSCAN
SRQ
IC1235
IIC BUFFER
SDAOUT
SDAIN
SCLOUT
SCLIN
IC4005
10bit A/D
SCL2L
SDA2L
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
RGB_CVBS
CVBS1
Q4006,Q4013
Q4012
Q4011
Q4010,Q4015
A/D 10bit 30MHz
MATRIX RGB-> YUV
3D/2D com VPK
CHROMA DEM.
COLOUR DETECT
SW
Detection
Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2
NOISE LEVEL
SYNC SEPA
CLK
AIN9
XTAL
XBUF
R0~R3,Y0~Y9,UV0~UV9
D_CLKIN
LLC1
HS
VS
RESET
IC4063
RESET
Q4068
SCL
SDA
NRST
CLK0A
CLKIA
HSIA
VSIA
TPOUT0
PORT-A (ADV7403)
PORT-B (FS&HDMI)
3D Y/C
IC4054
GC4PRO
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.
IC4055
128M DDR SDRAM
A_DDR_CLK
A_DDR_NCLK
B_DDR_CLK
B_DDR_NCLK
TO PA20
DG20
AC_ON/OFF
TVON
SOS
BT30V
MAIN 3.3V
SUB 3.3V
SUB 9V
MAIN 9V
MAIN 2.5V
SUB 5V
MAIN 5V
STB 5V
IRD_POW_ON
TUNER_MAIN_ON
Q4900
IC4049
AVR 3.3V
CONT
IC4044
AVR 1.2V
IC4061
AVR 1.2V
IC4009
AVR 2.5V
IC4011
AVR 2.5V
PLL 1.2V
DLL 1.2V
AD 2.5V
PLL 2.5V
AD 3.3V
IC1103
AVR STB 2.5V
VDET
STB 2.5V
IC1110
AVR 3.3V
STB 3.3V
IC4008
AVR 3.3V
IC4024
AVR 1.2V
MAIN 1.2V
IC4025
AVR 1.8V
MAIN 1.8V
IC4041
AVR 1.8V
AD 1.8V
IC4042
AVR 2.5V
IC4048
AVR 2.6V
DDR 2.6V
VIN
VOUT
VDD
VCC
OUT

14.22. DG-Board (2 of 2) Block Diagram

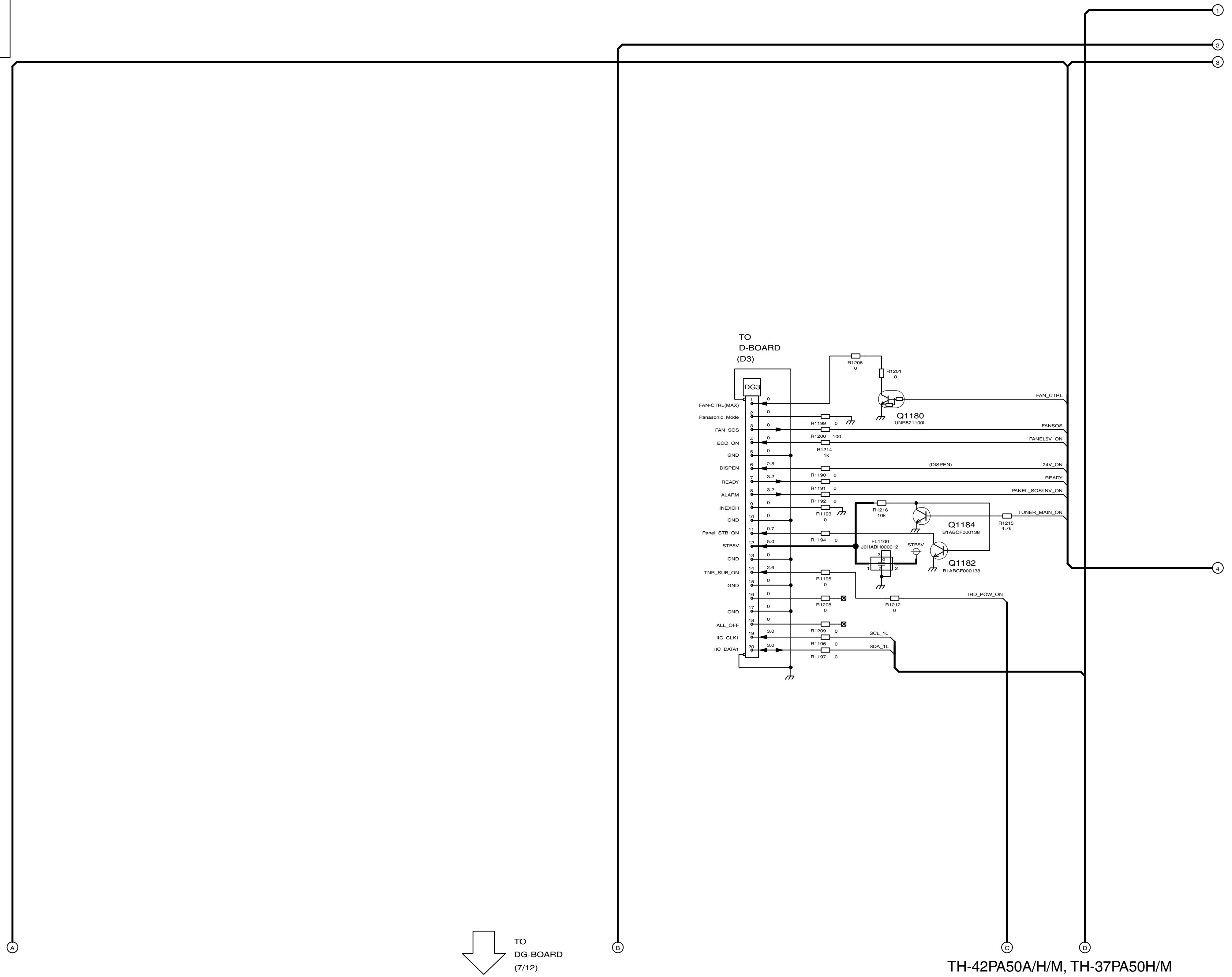

FOR
FACTORY
USE
DG32
STB 5V
EEP_WP
SRQ
SDA3
SCL3
SDA2
SCL2
STB 5V
IC1109
LEVEL SHIFT
5V ← 3.3V
SCL1
SDA1
SCL2
SDA2
SCL3
SDA3
SCL1L
SDA1L
SCL2L
SDA2L
IC1104
MAIN MICOM
SCL1
SDA1
SCL2
SDA2
SCL3
SDA3
SRQ
EEPROM_WP
CVBS1A
SP_MUTE
AUDIO MUTE
IC1107
EEPROM
SCL
SDA
WP
Q1177
Q1176
Q1178
CVBS1
Q1170
Q1172
SDA3
SCL3
SDA2
SCL2
SRQ
SP_MUTE
AUDIO_MUTE
IC1106
EX.DAC
SCL
SDA
DAC3
SW0
SW3
Q1180
IC1114
64M
SDRAM
IC1108
RESET
STB3.3V
OUT
VDD
IC1115
16M
FLASH
ROM
RESET
RST IN
M2_RST
SOS2
24V_ON
AC_ON
PANEL_SOS
PANEL_5V_ON
SUB_ON
Q1200
24V_ON
READY
PANEL_SOS
PANEL_5V_ON
IRD_POW_ON
IRD_POW_ON
SOS2
SOS2
SOS
MAIN_ON
Q1184
Q1182
TUNER_MAIN_ON
DG3
TO
D3
STB 5V
STB 5V
24V_ON
READY
PANEL_SOS
DISPEN(DRVMUTE)
READY(STATUS)
ALARM(PANEL_SOS)
SCL1L
SDA1L
IIC_CLK(SCL1)
IIC_DATA1(SDA1)
PANEL_STB_ON
FAN_CTRL
FAN_CTRL(MAX)
FAN_SOS
FAN_SOS
PANEL_5V_ON
ECO_ON
IRD_POW_ON
TUNER_SUB_ON
(F_STBY_ON)
IC4051
CLOCK GEN.
CLKD 74.25MHz
CLKC 95.5MHz
CLKE 108MHz
XBUF 27MHz
XTALIN
XTALOUT
CLKA 81.0MHz
X4002
27MHz
XBUF
IC4012
OSD RGB A/D
8bit A/D
FORMAT CONV.
NRST
YOUT3
YOUT7
PBOUT3
PBOUT7
PROUT3
PRPUT7
OSDYS
OSDYM
CKXI
YIN
RBIN
PRIN
SDA
SCL
SDA1L
SCL1L
Q4101,Q4103,Q4110
Q4104,Q4106,Q4111
Q4107,Q4109,Q4112
OSD_B
OSD_G
OSD_R
OSDB
OSDG
OSDR
LED_R
AFC1
AFC2
KEYSCAN
LED_R
AFC1
AFC2
KEY
PA50H/M
ONLY
RM_IN
Q1174
Q1175
RMCN
Q1174
CLKID2
EXCLKIN
FRCLKIN IBTV
PORT-F
OSD-OUT
OSDYS
OSDYM
R00-R04
G00~G05
B00~B04
PORT_D
(OSD INPUT)
(PLL) VCO IN
IC4021
LVDS TRANSMITTER(10bit)
D/A 10bit
110MHz × 3
ROE0~ROE9
GOE0~GOE9
BOE0~BOE9
D/A 8bit
× 2
VSOE
HSOE
D/A OSD
CONT
CLKOE
PORT_E
(RGB OUT)
TC5
TC4
CLKIN
TTL
PARALLEL
DATA
LVDS
(SERIAL)
TA-
TA+
TB-
TB+
TC-
TC+
TCLK-
TCLK+
TD-
TD+
TE-
TE+
PIXEL CONV.
CONVERTER
AI
GAMMA
OSD MIX
IC4054
GC4PRO
10Bit LVDS
DG5
TO D5
TX_TA-
TX_TA+
TX_TB-
TX_TB+
TX_TC-
TX_TC+
TX_TCLK-
TX_TCLK+
TX_TD-
TX_TD+
TX_TE-
TX_TE+
1
2
3
4
5
6

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (2 of 2) Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (2 of 2) Block Diagram

14.23. DG-Board (1 of 12) Schematic Diagram

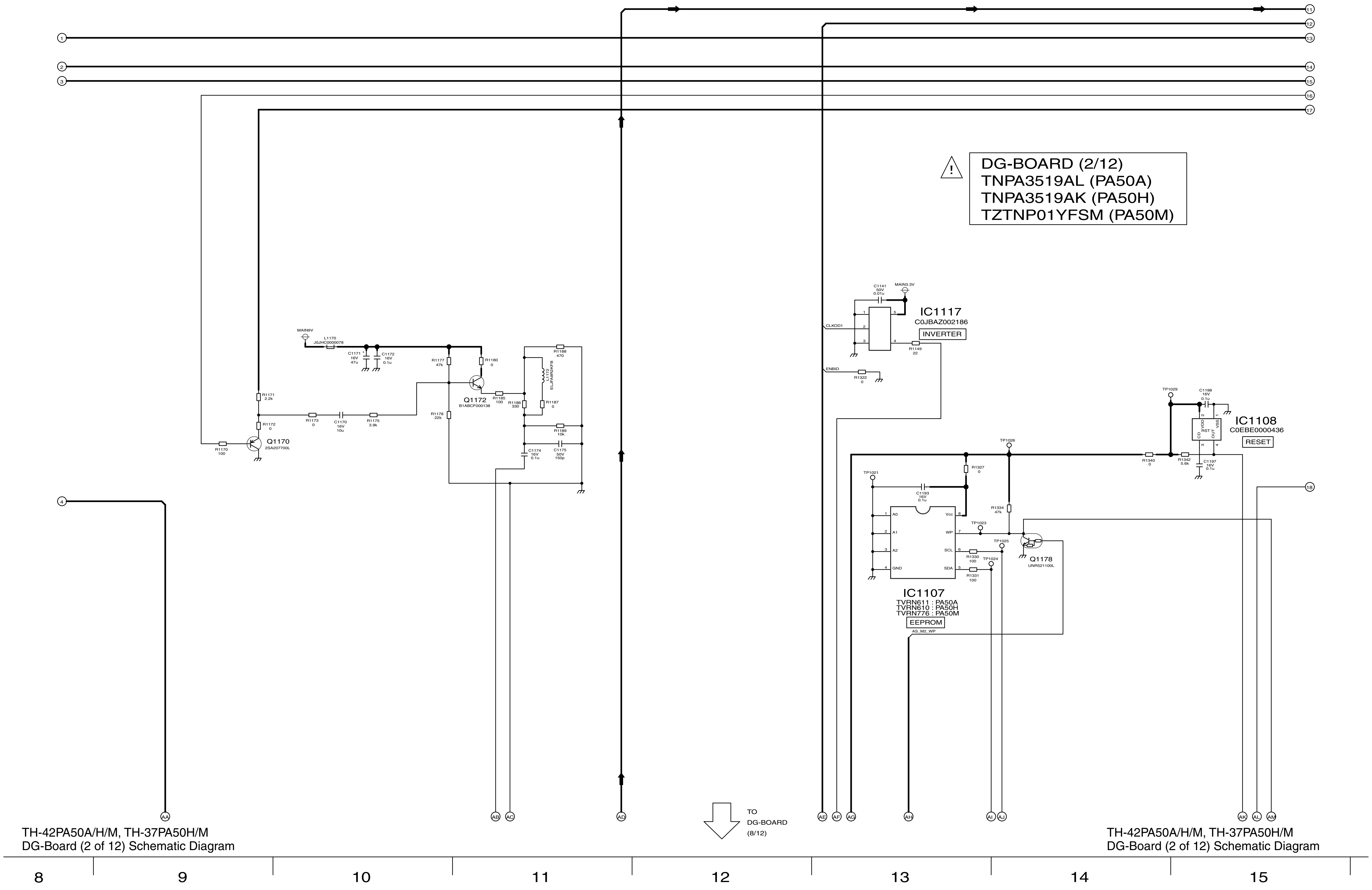
⚠ DG-BOARD (1/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)


A
B
C
D
E
1
2
3
4
5
6
7
8
TO
D-BOARD
(D3)
DG3
1 FAN-CTRL(MAX) 0
2 Panasonic_Mode 0
3 FAN_SOS 0
4 ECO_ON 0
5 GND 0
6 DISPEN 2.8
7 READY 3.2
8 ALARM 3.2
9 INEXCH 0
10 GND 0
11 Panel_STB_ON 0.7
12 STB5V 5.0
13 GND 0
14 TNR_SUB_ON 2.6
15 GND 0
16 0
17 GND 0
18 0
19 ALL_OFF 3.0
20 IIC_CLK1 3.0
IIC_DATA1
R1206 0
R1201 0
Q1180
UNR521100L
R1199 0
R1200 100
R1214 1k
R1190 0
R1191 0
R1192 0
R1193 0
R1194 0
R1195 0
R1208 0
R1209 0
R1196 0
R1197 0
R1216 10k
R1215 4.7k
R1212 0
Q1184
B1ABCF000138
Q1182
B1ABCF000138
FL1100
J0HABH000012
STB5V
3
1
2
G
G
FAN_CTRL
FANSOS
PANEL5V_ON
(DISPEN)
24V_ON
READY
PANEL_SOS/INV_ON
TUNER_MAIN_ON
IRD_POW_ON
SCL_1L
SDA_1L
1
2
3
4
A
B
C
D
TO
DG-BOARD
(7/12)

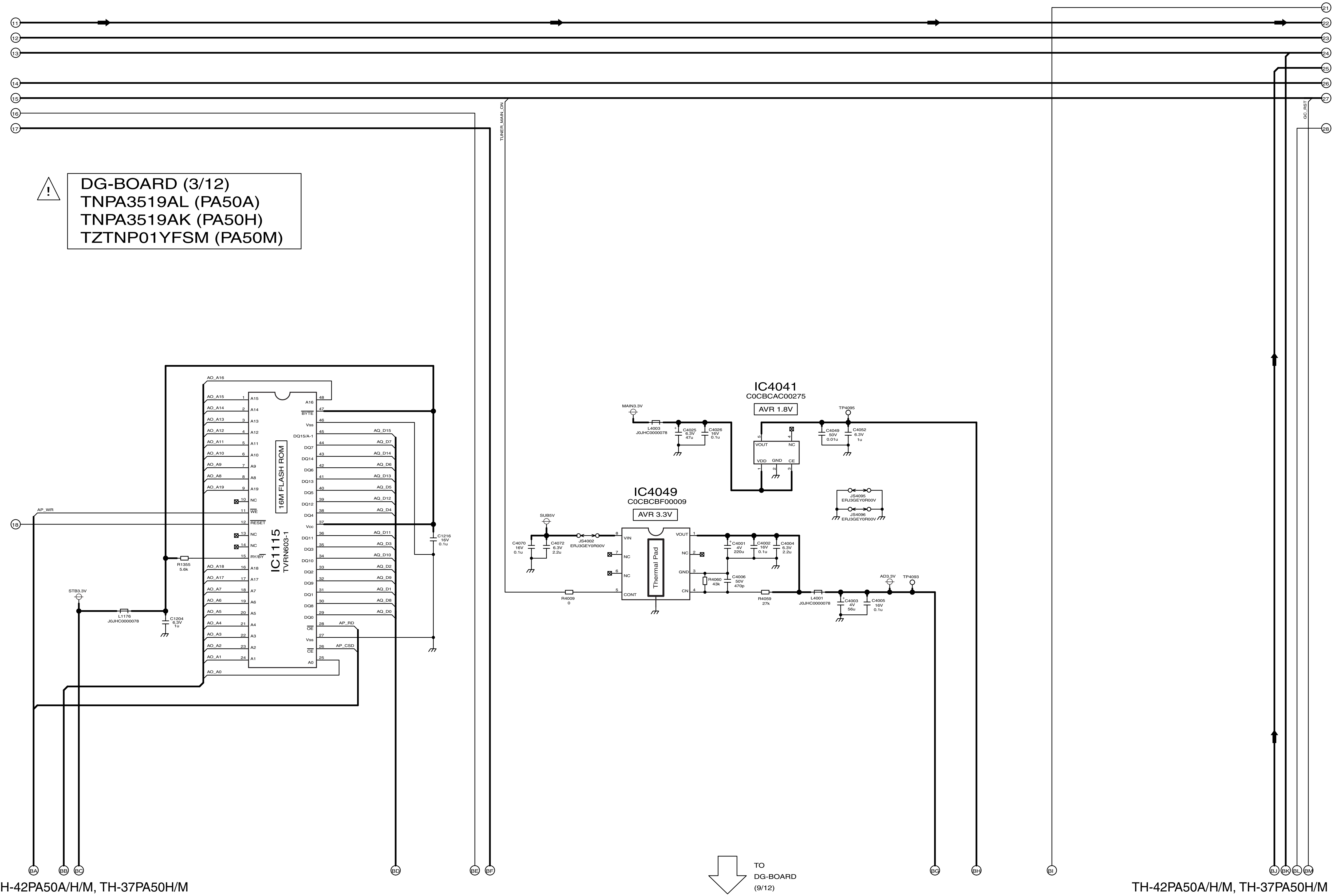
TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (1 of 12) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (1 of 12) Schematic Diagram

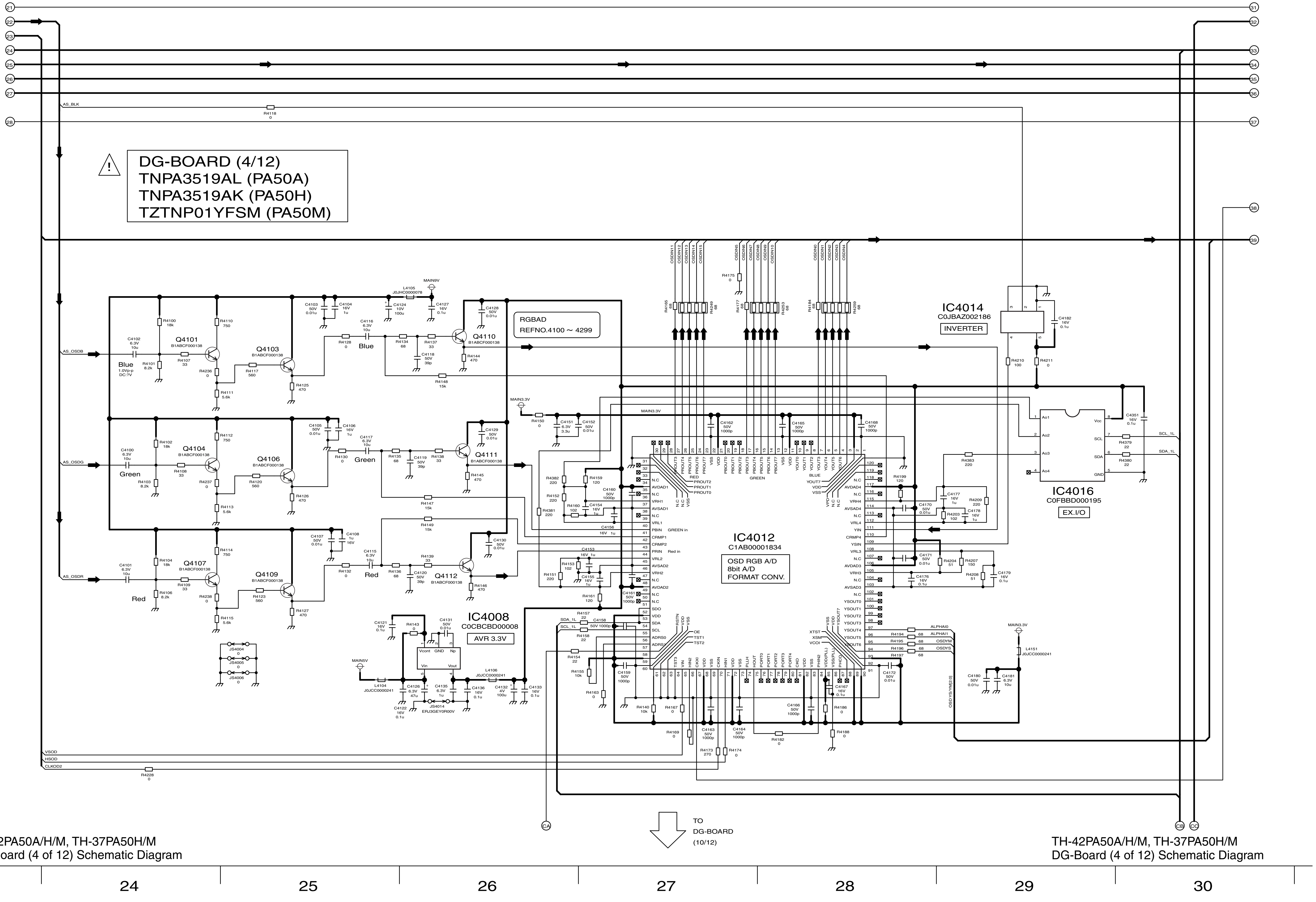
14.24. DG-Board (2 of 12) Schematic Diagram


DG-BOARD (2/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)
1
2
3
4
11
12
13
14
15
16
17
18
MAIN9V
L1170
J0JHC0000078
C1171
16V
47u
C1172
16V
0.1u
R1177
47k
R1180
0
R1188
470
L1172
ELJFA8R2KFB
Q1172
B1ABCF000138
R1185
100
R1186
330
R1187
0
R1178
22k
R1189
10k
C1174
16V
0.1u
C1175
50V
150p
R1171
2.2k
R1172
0
R1173
0
C1170
16V
10u
R1175
3.9k
R1170
100
Q1170
2SA207700L
C1141
50V
0.01u
MAIN3.3V
IC1117
C0JBAZ002186
INVERTER
CLKOD1
ENBID
R1149
22
R1322
0
TP1029
C1198
16V
0.1u
IC1108
C0EBE0000436
RESET
VDD
VSS
CD
RST
OUT
TP1026
R1340
0
R1342
5.6k
C1197
16V
0.1u
R1327
0
TP1021
C1193
16V
0.1u
R1334
47k
A0
A1
A2
GND
Vcc
WP
SCL
SDA
TP1023
TP1025
TP1024
R1330
100
R1331
100
Q1178
UNR521100L
IC1107
TVRN611 : PA50A
TVRN610 : PA50H
TVRN776 : PA50M
EEPROM
AS_M2_WP
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
TO
DG-BOARD
(8/12)
TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (2 of 12) Schematic Diagram
TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (2 of 12) Schematic Diagram
8
9
10
11
12
13
14
15

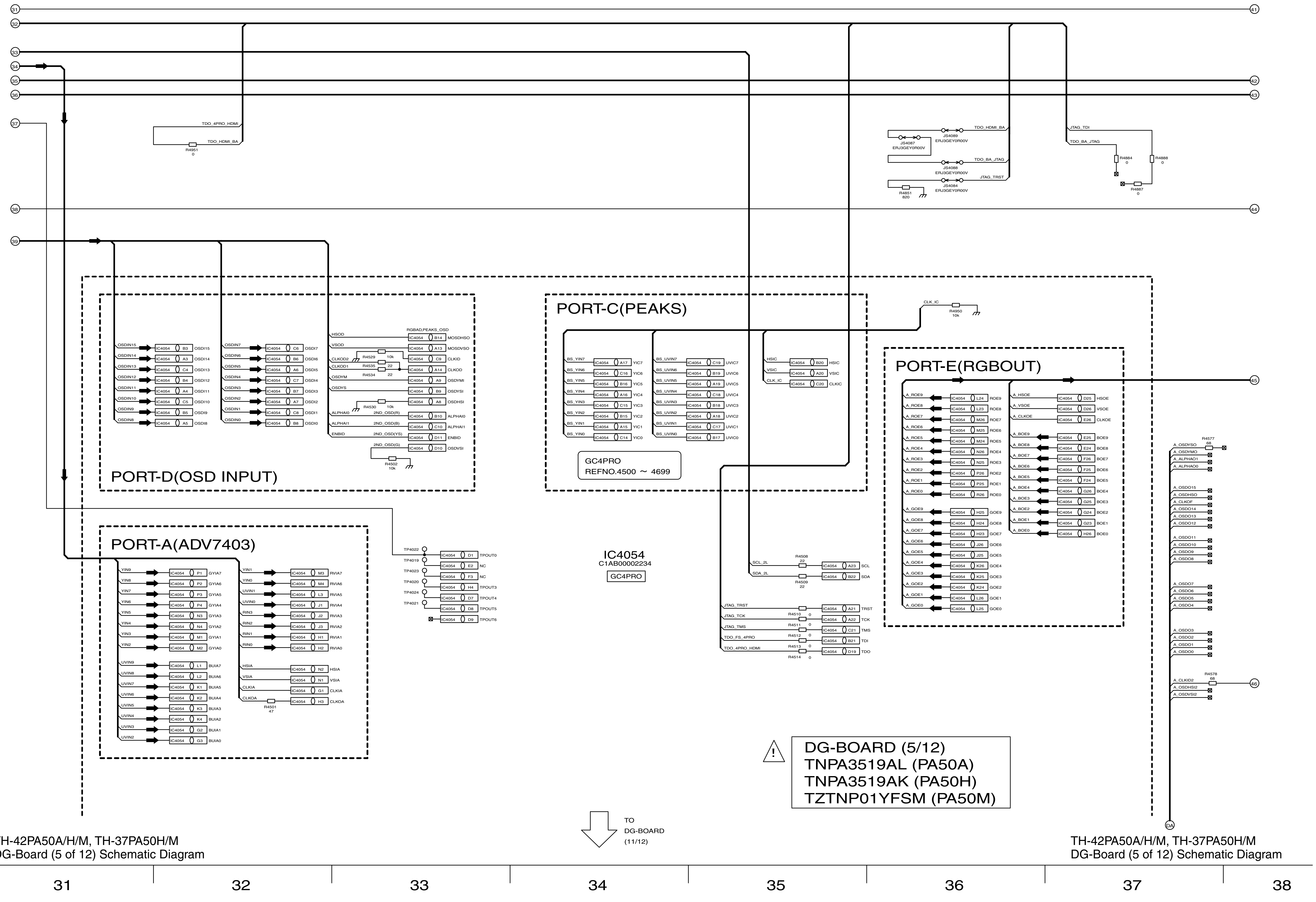
14.25. DG-Board (3 of 12) Schematic Diagram


DG-BOARD (3/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)
11
12
13
14
15
16
17
18
21
22
23
24
25
26
27
28
TUNER_MAIN_ON
GC_RST
AP_WR
STB3.3V
L1176
J0JHC0000078
C1204
6.3V
1u
R1355
5.6k
IC1115
TVRN603-1
16M FLASH ROM
AO_A16
AO_A15
AO_A14
AO_A13
AO_A12
AO_A11
AO_A10
AO_A9
AO_A8
AO_A19
AO_A18
AO_A17
AO_A7
AO_A6
AO_A5
AO_A4
AO_A3
AO_A2
AO_A1
AO_A0
A15
A14
A13
A12
A11
A10
A9
A8
A19
NC
WE
RESET
NC
NC
RY/BY
A18
A17
A7
A6
A5
A4
A3
A2
A1
A16
BYTE
Vss
DQ15/A-1
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
Vcc
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
OE
Vss
CE
A0
AQ_D15
AQ_D7
AQ_D14
AQ_D6
AQ_D13
AQ_D5
AQ_D12
AQ_D4
AQ_D11
AQ_D3
AQ_D10
AQ_D2
AQ_D9
AQ_D1
AQ_D8
AQ_D0
AP_RD
AP_CSD
C1216
16V
0.1u
IC4041
C0CBCAC00275
AVR 1.8V
MAIN3.3V
L4003
J0JHC0000078
C4025
6.3V
47u
C4026
16V
0.1u
VOUT
NC
VDD
GND
CE
TP4095
C4049
50V
0.01u
C4052
6.3V
1u
JS4095
ERJ3GEY0R00V
JS4096
ERJ3GEY0R00V
IC4049
C0CBCBF00009
AVR 3.3V
SUB5V
C4070
16V
0.1u
C4072
6.3V
2.2u
JS4002
ERJ3GEY0R00V
VIN
NC
NC
CONT
Thermal Pad
VOUT
NC
GND
CN
C4001
4V
220u
C4002
16V
0.1u
C4004
6.3V
2.2u
R4060
43k
C4006
50V
470p
R4009
0
R4059
27k
L4001
J0JHC0000078
C4003
4V
56u
C4005
16V
0.1u
AD3.3V
TP4093
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
TO
DG-BOARD
(9/12)

14.26. DG-Board (4 of 12) Schematic Diagram


DG-BOARD (4/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)
RGBAD
REFNO.4100 ～ 4299
IC4014
C0JBAZ002186
INVERTER
IC4016
C0FBBD000195
EX.I/O
IC4012
C1AB00001834
OSD RGB A/D
8bit A/D
FORMAT CONV.
IC4008
C0CBCBD00008
AVR 3.3V
Q4101
Q4103
Q4104
Q4106
Q4107
Q4109
Q4110
Q4111
Q4112
B1ABCF000138
AS_BLK
AS_OSDB
AS_OSDG
AS_OSDR
Blue
Green
Red
1.0Vp-p
DC:7V
MAIN9V
MAIN5V
MAIN3.3V
SDA_1L
SCL_1L
VSOD
HSOD
CLKOD2
TO
DG-BOARD
(10/12)
CA
CB
CC
23
24
25
26
27
28
29
30

14.27. DG-Board (5 of 12) Schematic Diagram

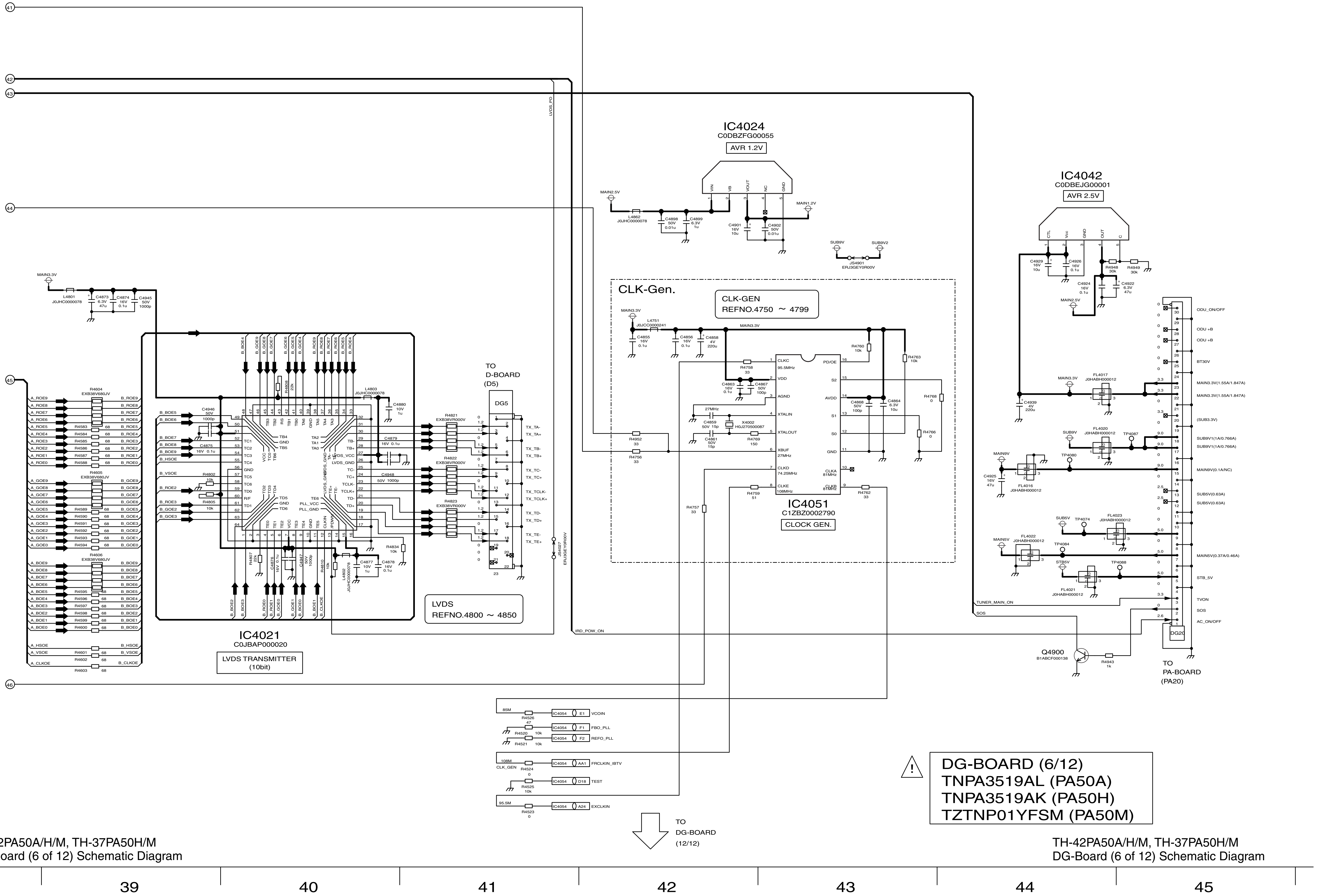

PORT-D(OSD INPUT)
PORT-C(PEAKS)
PORT-E(RGBOUT)
PORT-A(ADV7403)
GC4PRO
REFNO.4500 ~ 4699
IC4054
C1AB00002234
GC4PRO
DG-BOARD (5/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)
TO
DG-BOARD
(11/12)
TDO_4PRO_HDMI
TDO_HDMI_BA
R4951
TDO_BA_JTAG
JTAG_TRST
JTAG_TDI
RGBAD,PEAKS_OSD
CLK_IC
R4950
10k
31
32
33
34
35
36
37
38
39
41
42
43
44
45
46
DA

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (5 of 12) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (5 of 12) Schematic Diagram

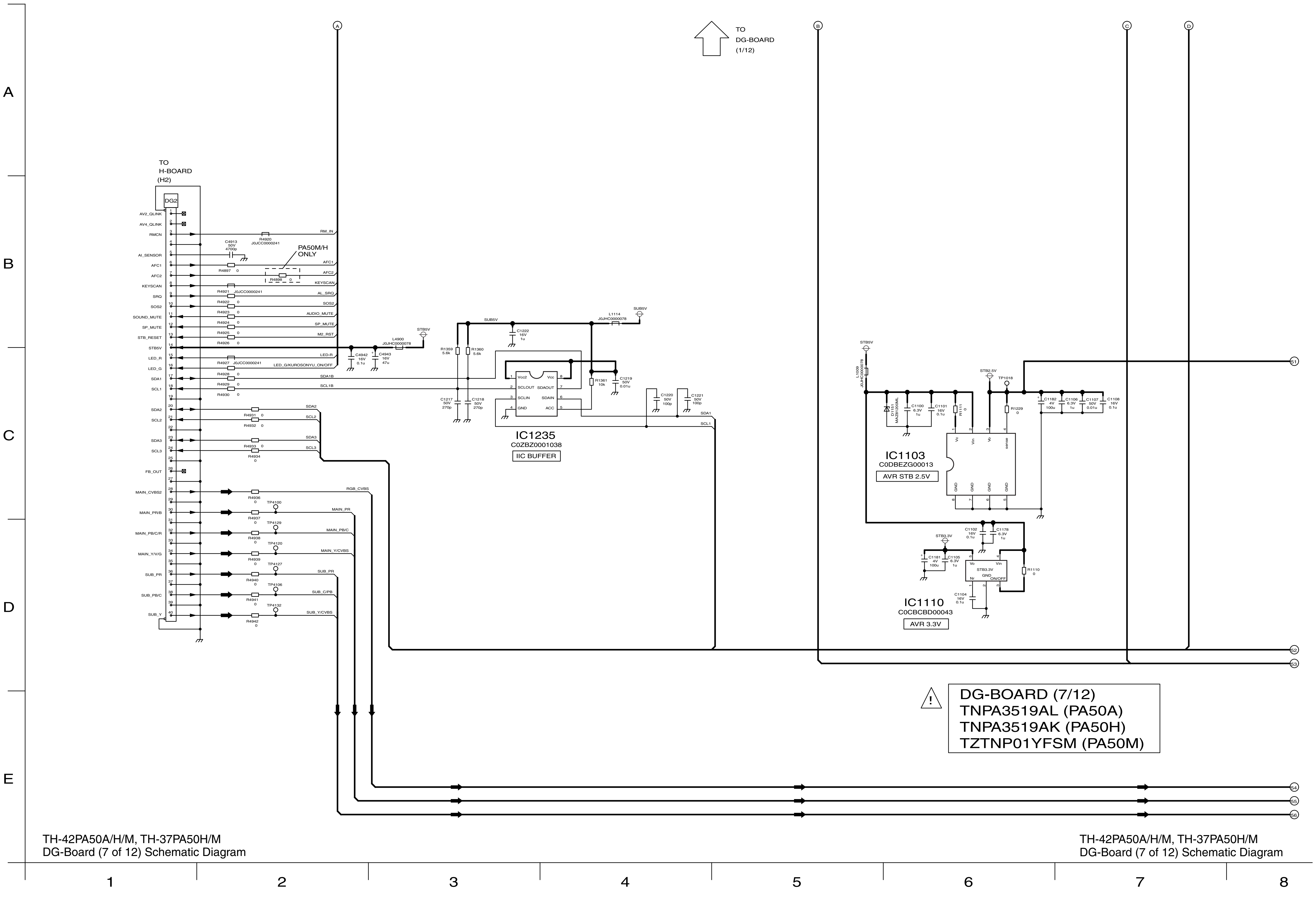
31	32	33	34	35	36	37	38

14.28. DG-Board (6 of 12) Schematic Diagram


IC4024
C0DBZFG00055
AVR 1.2V
IC4042
C0DBEJG00001
AVR 2.5V
CLK-Gen.
CLK-GEN
REFNO.4750 ～ 4799
IC4051
C1ZBZ0002790
CLOCK GEN.
IC4021
C0JBAP000020
LVDS TRANSMITTER
(10bit)
LVDS
REFNO.4800 ～ 4850
TO
D-BOARD
(D5)
DG5
TO
PA-BOARD
(PA20)
DG20
Q4900
B1ABCF000138
TO
DG-BOARD
(12/12)
MAIN3.3V
MAIN2.5V
MAIN1.2V
MAIN9V
MAIN5V
SUB9V
SUB9V2
SUB5V
STB5V
ODU_ON/OFF
ODU +B
BT30V
MAIN3.3V(1.55A/1.847A)
(SUB3.3V)
SUB9V1(1A/0.766A)
MAIN9V(0.1A/NC)
SUB5V(0.63A)
MAIN5V(0.37A/0.46A)
STB_5V
TVON
SOS
AC_ON/OFF
TUNER_MAIN_ON
IRD_POW_ON
VCOIN
FBO_PLL
REFO_PLL
FRCLKIN_IBTV
TEST
EXCLKIN
41
42
43
44
45
46

DG-BOARD (6/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)

14.29. DG-Board (7 of 12) Schematic Diagram

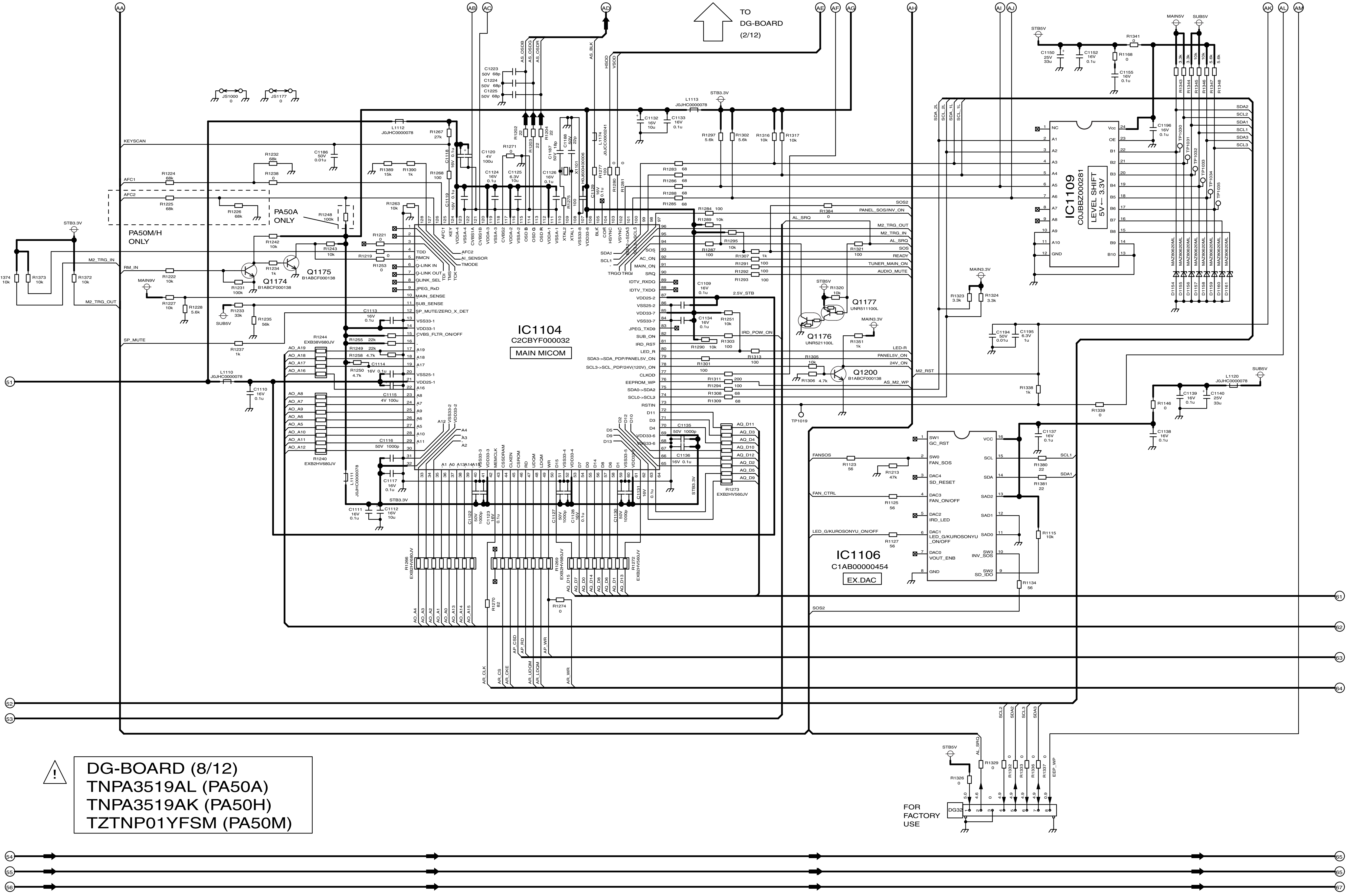

A
B
C
D
E
1
2
3
4
5
6
7
8
TO
DG-BOARD
(1/12)
TO
H-BOARD
(H2)
DG2
AV2_QLINK
AV4_QLINK
RMCN
AI_SENSOR
AFC1
AFC2
KEYSCAN
SRQ
SOS2
SOUND_MUTE
SP_MUTE
STB_RESET
STB5V
LED_R
LED_G
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
FB_OUT
MAIN_CVBS2
MAIN_PR/B
MAIN_PB/C/R
MAIN_Y/V/G
SUB_PR
SUB_PB/C
SUB_Y
R4920
J0JCC0000241
C4913
50V
4700p
PA50M/H
ONLY
R4897 0
R4898 0
R4921 J0JCC0000241
R4922 0
R4923 0
R4924 0
R4925 0
R4926 0
R4927 J0JCC0000241
R4928 0
R4929 0
R4930 0
R4931 0
R4932 0
R4933 0
R4934 0
R4936 0
R4937 0
R4938 0
R4939 0
R4940 0
R4941 0
R4942 0
TP4100
TP4129
TP4120
TP4127
TP4106
TP4132
RM_IN
AFC1
AFC2
KEYSCAN
AL_SRQ
SOS2
AUDIO_MUTE
SP_MUTE
M2_RST
LED-R
LED_G/KUROSONYU_ON/OFF
SDA1B
SCL1B
SDA2
SCL2
SDA3
SCL3
RGB_CVBS
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
SUB_PR
SUB_C/PB
SUB_Y/CVBS
C4942 16V 0.1u
C4943 16V 47u
L4900
J0JHC0000078
STB5V
SUB5V
R1359 5.6k
R1360 5.6k
C1217 50V 270p
C1218 50V 270p
C1222 16V 1u
L1114
J0JHC0000078
SUB5V
R1361 10k
C1219 50V 0.01u
C1220 50V 100p
C1221 50V 100p
Vcc2
SCLOUT
SCLIN
GND
Vcc
SDAOUT
SDAIN
ACC
SDA1
SCL1
IC1235
C0ZBZ0001038
IIC BUFFER
STB5V
L1009
J0JHC0000078
D1151
MAZ81200ML
C1100 6.3V 1u
C1101 16V 0.1u
R1111 0
STB2.5V
TP1018
R1229 0
C1182 4V 100u
C1106 6.3V 1u
C1107 50V 0.01u
C1108 16V 0.1u
Vc
Vin
Vo
sense
GND
GND
GND
GND
IC1103
C0DBEZG00013
AVR STB 2.5V
C1102 16V 0.1u
C1178 6.3V 1u
STB3.3V
C1181 4V 100u
C1105 6.3V 1u
Vo
Vin
STB3.3V
GND
Nr
ON/OFF
R1110 0
C1104 16V 0.1u
IC1110
C0CBCBD00043
AVR 3.3V
A
B
C
D
51
52
53
54
55
56

DG-BOARD (7/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (7 of 12) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (7 of 12) Schematic Diagram

14.30. DG-Board (8 of 12) Schematic Diagram


TO DG-BOARD (2/12)
IC1104
C2CBYF000032
MAIN MICOM
IC1109
C0JBBZ000281
LEVEL SHIFT
5V→3.3V
IC1106
C1AB00000454
EX.DAC
Q1174
B1ABCF000138
Q1175
B1ABCF000138
Q1176
UNR521100L
Q1177
UNR511100L
Q1200
B1ABCF000138
PA50M/H ONLY
PA50A ONLY
FOR FACTORY USE
DG33
STB3.3V
MAIN5V
SUB5V
MAIN3.3V
KEYSCAN
AFC1
AFC2
M2_TRG_IN
M2_TRG_OUT
RM_IN
SP_MUTE
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
S1
S2
S3
S4
S5
S6
B1
B2
B3
B4
B5
B6
B7

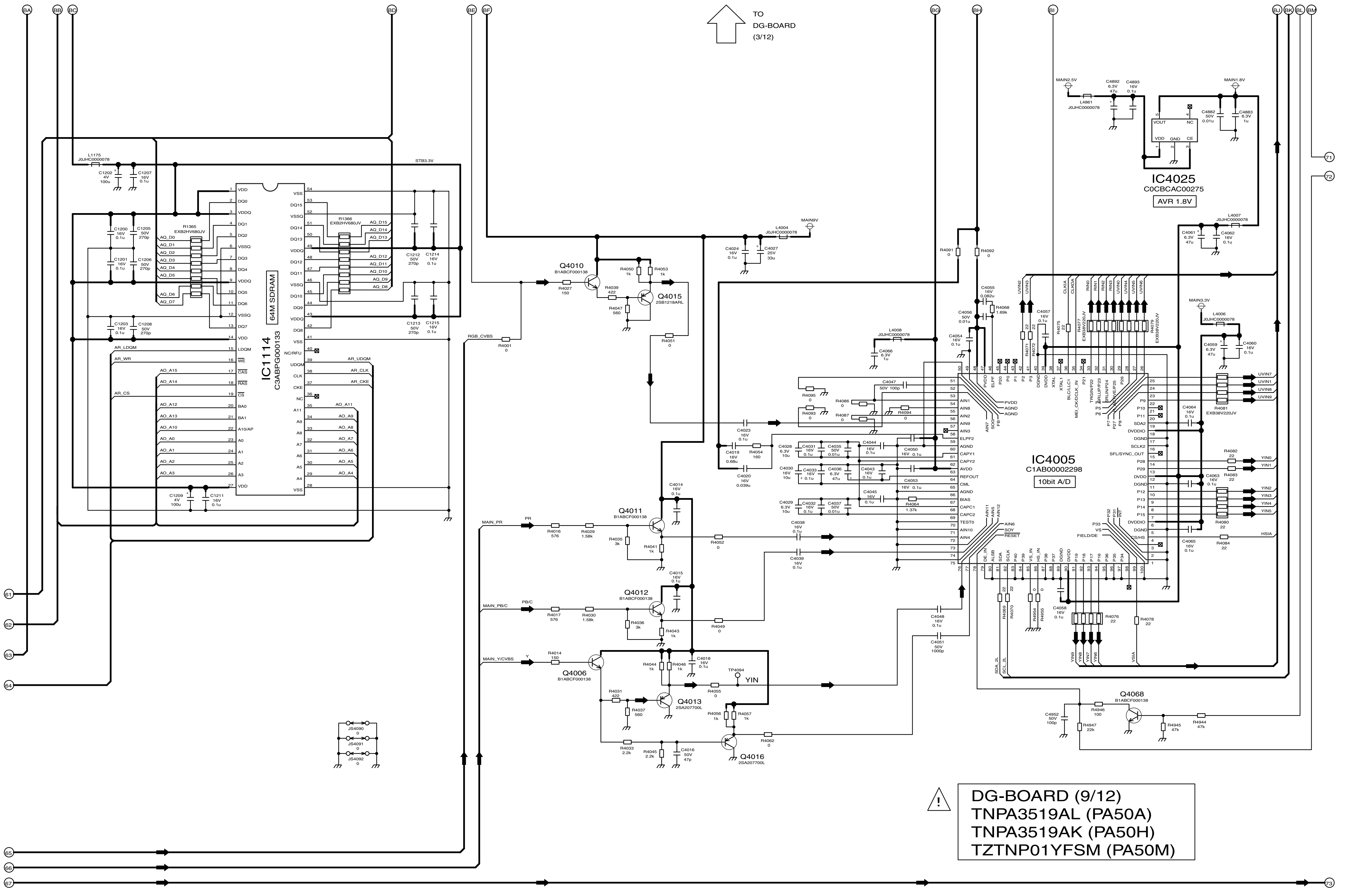
DG-BOARD (8/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (8 of 12) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (8 of 12) Schematic Diagram

8 9 10 11 12 13 14 15

14.31. DG-Board (9 of 12) Schematic Diagram


BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
TO
DG-BOARD
(3/12)
STB3.3V
L1175
J0JHC0000078
IC1114
C3ABPG000133
64M SDRAM
R1365
EXB2HV680JV
R1366
EXB2HV680JV
AR_LDQM
AR_WR
AR_CS
AR_UDQM
AR_CLK
AR_CKE
Q4010
B1ABCF000138
Q4015
2SB1218ARL
Q4011
B1ABCF000138
Q4012
B1ABCF000138
Q4006
B1ABCF000138
Q4013
2SA2077000L
Q4016
2SA2077000L
Q4068
B1ABCF000138
RGB_CVBS
MAIN_PR
PR
MAIN_PB/C
PB/C
MAIN_Y/CVBS
Y
TP4094
YIN
MAIN9V
L4004
J0JHC0000078
L4008
J0JHC0000078
MAIN2.5V
MAIN1.8V
MAIN3.3V
L4861
J0JHC0000078
L4007
J0JHC0000078
L4006
J0JHC0000078
IC4025
C0CBCAC00275
AVR 1.8V
VOUT
NC
VDD
GND
CE
IC4005
C1AB00002298
10bit A/D
R4077
EXB38V220JV
R4079
EXB38V220JV
R4081
EXB38V220JV
R4080
UVIN7
UVIN1
UVIN8
UVIN9
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
YIN8
YIN9
HSIA
VSIA
SDA_2L
SCL_2L
JS4090
JS4091
JS4092
61
62
63
64
65
66
67
71
72
73
DG-BOARD (9/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)

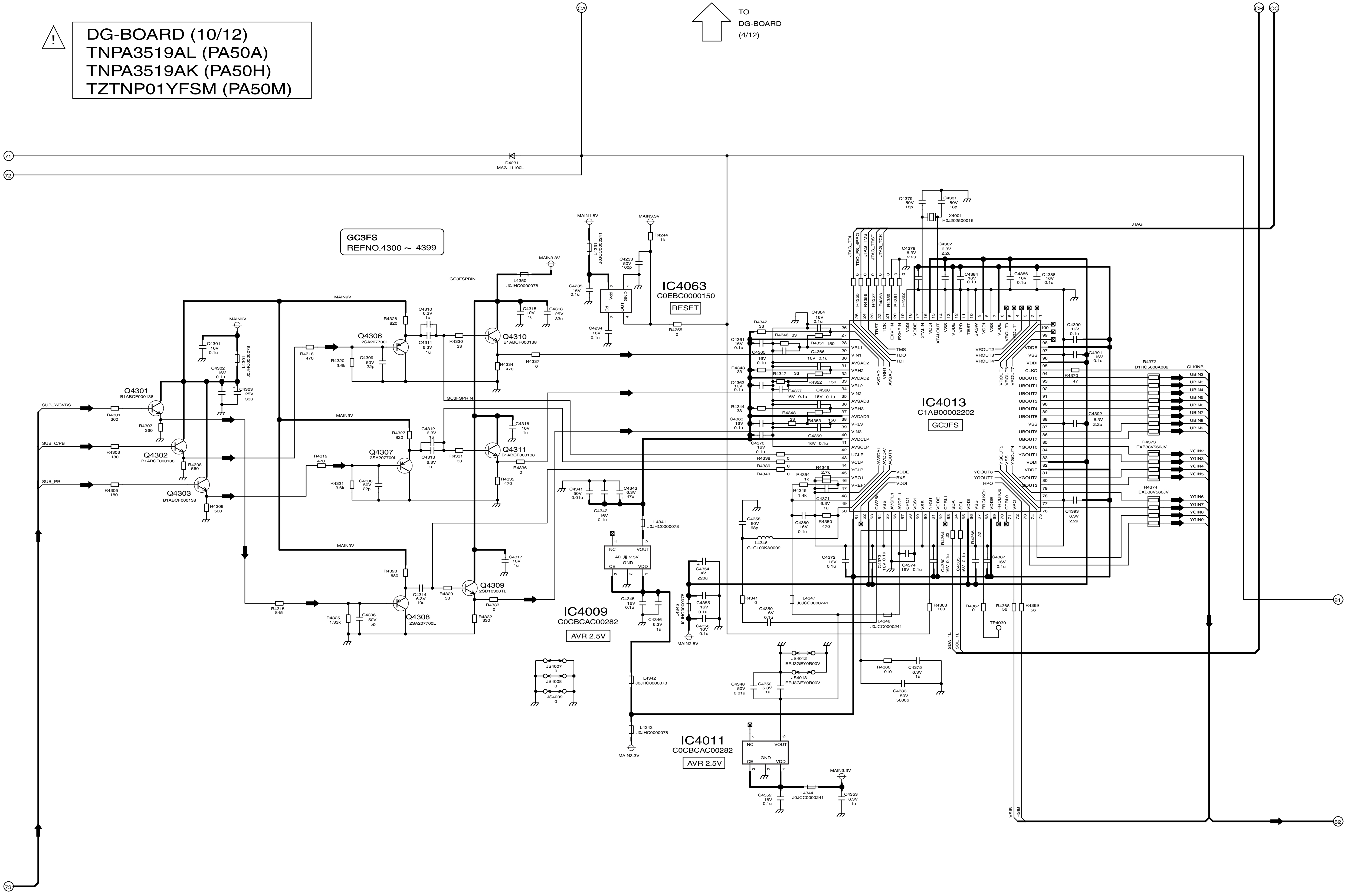
TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (9 of 12) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
DG-Board (9 of 12) Schematic Diagram

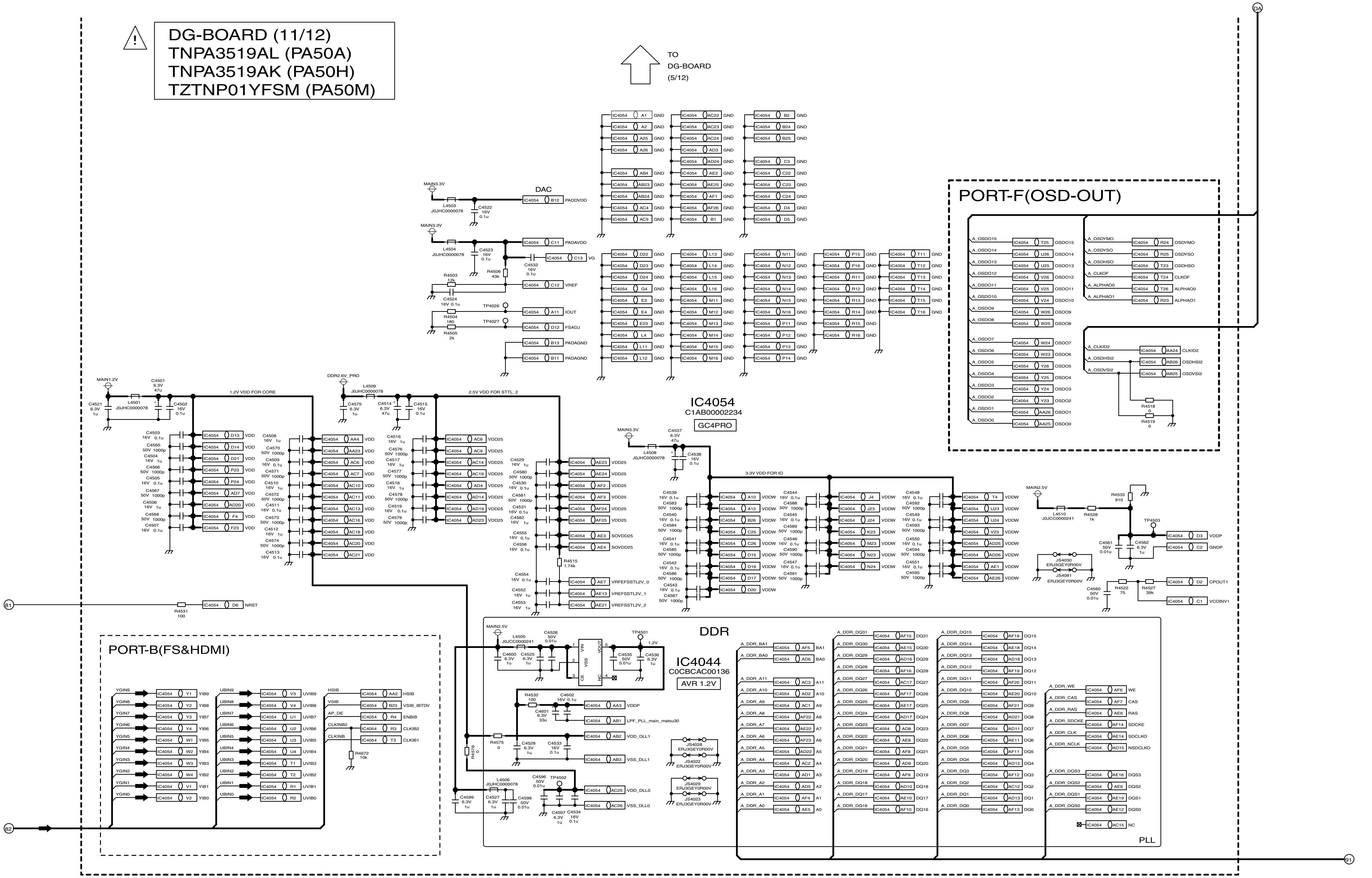
16 17 18 19 20 21 22 23

14.32. DG-Board (10 of 12) Schematic Diagram

DG-BOARD (10/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)

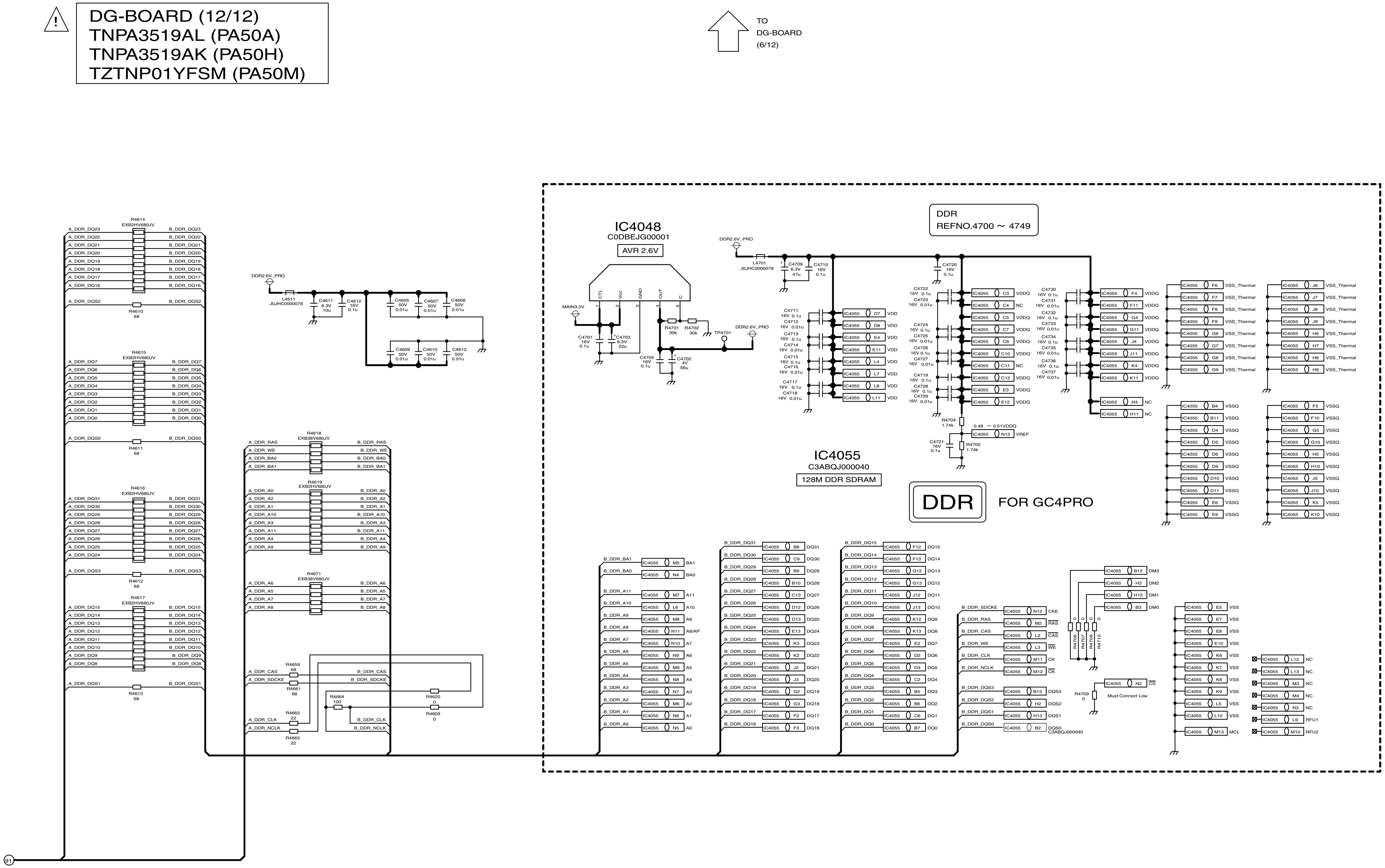

TO
DG-BOARD
(4/12)
GC3FS
REFNO.4300 ～ 4399
IC4063
C0EBC0000150
RESET
IC4013
C1AB00002202
GC3FS
IC4009
C0CBCAC00282
AVR 2.5V
IC4011
C0CBCAC00282
AVR 2.5V
Q4301
B1ABCF000138
Q4302
B1ABCF000138
Q4303
B1ABCF000138
Q4306
2SA2077O0L
Q4307
2SA2077O0L
Q4308
2SA2077O0L
Q4309
2SD1030OTL
Q4310
B1ABCF000138
Q4311
B1ABCF000138
D4231
MA2J1110OL
X4001
H0J202500016
SUB_Y/CVBS
SUB_C/PB
SUB_PR
MAIN9V
MAIN3.3V
MAIN1.8V
MAIN2.5V
JTAG
CLKINB
UBIN2
UBIN3
UBIN4
UBIN5
UBIN6
UBIN7
UBIN8
UBIN9
YGIN2
YGIN3
YGIN4
YGIN5
YGIN6
YGIN7
YGIN8
YGIN9
R4372
D1HG5608A002
R4373
EXB38V560JV
R4374
EXB38V560JV
JS4007
JS4008
JS4009
JS4012
ERJ3GEY0R00V
JS4013
ERJ3GEY0R00V
TP4030
CA
CB
CC
71
72
73
81
82

14.33. DG-Board (11 of 12) Schematic Diagram

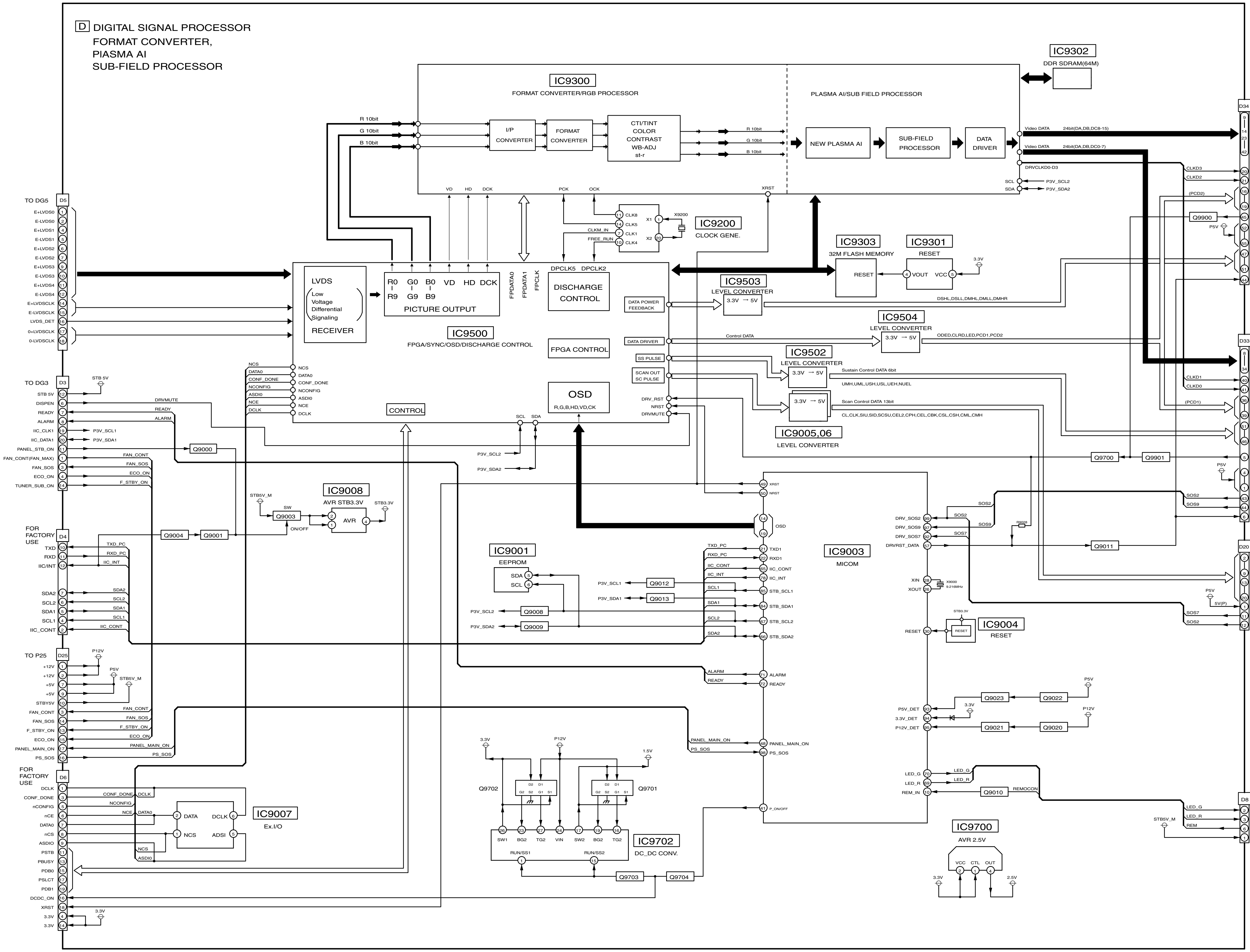

DG-BOARD (11/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)
TO DG-BOARD (5/12)
DAC
IC4054
C1AB00002234
GC4PRO
PORT-F(OSD-OUT)
PORT-B(FS&HDMI)
DDR
IC4044
C0CBCAC00136
AVR 1.2V
PLL
1.2V VDD FOR CORE
2.5V VDD FOR STTL_2
3.3V VDD FOR IO
MAIN1.2V
MAIN3.3V
MAIN2.5V
DDR2.6V_PRO
PADDVDD
PADAVDD
VG
VREF
IOUT
FSADJ
PADAGND
VDD
VDD25
VDDW
SOVDD25
VREFSSTL2V_0
VREFSSTL2V_1
VREFSSTL2V_2
NRST
VDDP
GNDP
CPOUT1
VCOINV1
LPF_PLL_main_matsu30
VDD_DLL1
VSS_DLL1
VDD_DLL0
VSS_DLL0
HSIB
VSIB_IBTDV
ENBIB
CLKIB2
CLKIB1
WE
CAS
RAS
SDCKE
SDCLKO
NSDCLKO
DQS3
DQS2
DQS1
DQS0
NC
CLKID2
OSDHSI2
OSDVSI2
OSDYMO
OSDYSO
OSDHSO
CLKOF
ALPHAO0
ALPHAO1
GND
B1
B2
B1
DA

14.34. DG-Board (12 of 12) Schematic Diagram

DG-BOARD (12/12)
TNPA3519AL (PA50A)
TNPA3519AK (PA50H)
TZTNP01YFSM (PA50M)


TO
DG-BOARD
(6/12)
IC4048
C0DBEJG00001
AVR 2.6V
CTL
Vcc
GND
OUT
C
MAIN3.3V
DDR2.6V_PRO
L4511
J0JHC0000078
L4701
J0JHC0000078
C4701
C4703
C4704
C4702
C4709
C4710
R4701
30k
R4702
30k
TP4701
DDR
REFNO.4700 ~ 4749
IC4055
C3ABQJ000040
128M DDR SDRAM
DDR
FOR GC4PRO
R4704
1.74k
R4705
1.74k
C4721
0.49 ~ 0.51VDDQ
VREF
VDD
VDDQ
VSS_Thermal
VSSQ
VSS
NC
RFU1
RFU2
MCL
CKE
RAS
CAS
WE
CK
CS
Must Connect Low
R4709
0
DM3
DM2
DM1
DM0
DQS3
DQS2
DQS1
DQS0
R4614
EXB2HV680JV
R4615
EXB2HV680JV
R4616
EXB2HV680JV
R4617
EXB2HV680JV
R4618
EXB38V680JV
R4619
EXB2HV680JV
R4671
EXB38V680JV
R4610
68
R4611
68
R4612
68
R4613
68
R4659
68
R4661
68
R4662
22
R4663
22
R4664
100
R4620
0
R4609
0
A_DDR_DQ23
A_DDR_DQS2
A_DDR_DQS0
A_DDR_DQS3
A_DDR_DQS1
A_DDR_RAS
A_DDR_WE
A_DDR_BA0
A_DDR_BA1
A_DDR_CAS
A_DDR_SDCKE
A_DDR_CLK
A_DDR_NCLK
B_DDR_DQ23
B_DDR_DQS2
B_DDR_DQS0
B_DDR_DQS3
B_DDR_DQS1
B_DDR_RAS
B_DDR_WE
B_DDR_BA0
B_DDR_BA1
B_DDR_CAS
B_DDR_SDCKE
B_DDR_CLK
B_DDR_NCLK
C3ABQJ000040
91

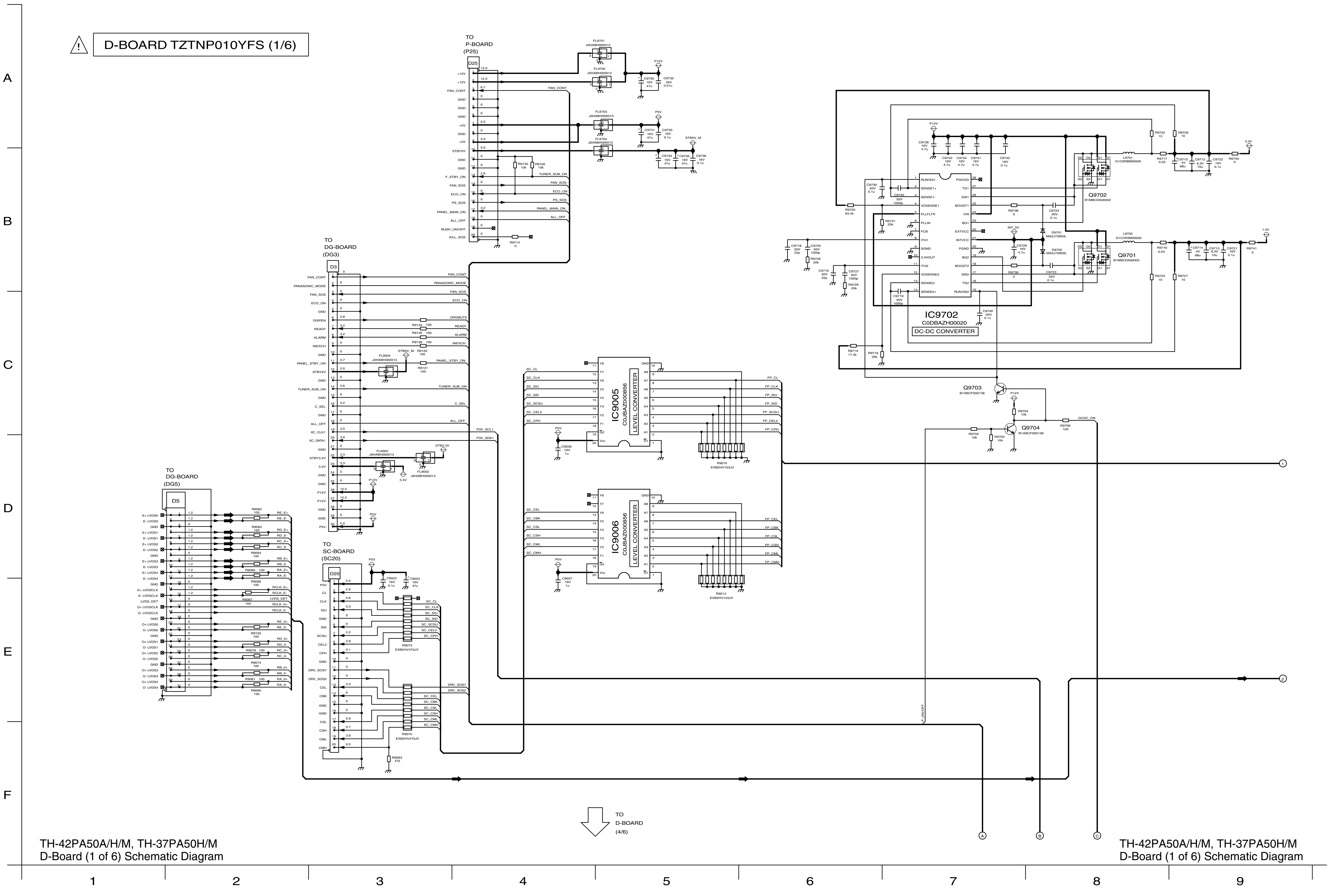
14.35. D-Board Block Diagram


D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER,
PIASMA AI
SUB-FIELD PROCESSOR
IC9300
FORMAT CONVERTER/RGB PROCESSOR
PLASMA AI/SUB FIELD PROCESSOR
IC9302
DDR SDRAM(64M)
R 10bit
G 10bit
B 10bit
I/P CONVERTER
FORMAT CONVERTER
CTI/TINT COLOR CONTRAST WB-ADJ st-r
NEW PLASMA AI
SUB-FIELD PROCESSOR
DATA DRIVER
Video DATA 24bit(DA,DB,DC8-15)
Video DATA 24bit(DA,DB,DC0-7)
DRVCLKD0-D3
SCL P3V_SCL2
SDA P3V_SDA2
VD HD DCK PCK OCK XRST
IC9200
CLOCK GENE.
X9200
CLK8 CLK5 CLK1 CLK4
CLKM_IN FREE_RUN
IC9303
32M FLASH MEMORY
IC9301
RESET
VOUT VCC
3.3V
TO DG5
D5
E+LVDS0 E-LVDS0 E+LVDS1 E-LVDS1 E+LVDS2 E-LVDS2 E+LVDS3 E-LVDS3 E+LVDS4 E-LVDS4 E+LVDSCLK E-LVDSCLK LVDS_DET 0+LVDSCLK 0-LVDSCLK
LVDS Low Voltage Differential Signaling RECEIVER
R0 G0 B0 VD HD DCK
R9 G9 B9
PICTURE OUTPUT
FPDATA0 FPDATA1 FPCLK
DPCLK5 DPCLK2
DISCHARGE CONTROL
IC9500
FPGA/SYNC/OSD/DISCHARGE CONTROL
FPGA CONTROL
OSD
R,G,B,HD,VD,CK
CONTROL
DATA POWER FEEDBACK
DATA DRIVER
SS PULSE
SCAN OUT SC PULSE
DRV_RST NRST DRVMUTE
IC9503
LEVEL CONVERTER
3.3V → 5V
DSHL,DSLL,DMHL,DMLL,DMHR
IC9504
LEVEL CONVERTER
Control DATA
ODED,CLRD,LED,PCD1,PCD2
IC9502
LEVEL CONVERTER
Sustain Control DATA 6bit
UMH,UML,USH,USL,UEH,NUEL
Scan Control DATA 13bit
CL,CLK,SIU,SID,SCSU,CEL2,CPH,CEL,CBK,CSL,CSH,CML,CMH
IC9005,06
LEVEL CONVERTER
D34 TO C11
DATA L
L-DOWN
CLKD3 CLKD2
DATA L TIMING
(PCD2)
DATA DRIVE
Q9900
5V_DET
P5V
DATA POWER FEED BACK
DRVRST
D33 TO C21
DATA R
R-DOWN
CLKD1 CLKD0
DATA R TIMING
(PCD1)
DATA DRIVE
SUSTAIN DATA
Q9700 Q9901
5V_DET
P5V
SOS2 SOS9
DRV_SOS2 DRV_SOS9 DRVRST
D20 TO SC20
SCAN DATA
P5V 5V(P)
SOS7 SOS2
DRV_SOS7 DRV_SOS2
TO DG3
D3
STB 5V DISPEN READY ALARM IIC_CLK1 IIC_DATA1 PANEL_STB_ON FAN_CONT(FAN_MAX) FAN_SOS ECO_ON TUNER_SUB_ON
DRVMUTE READY ALARM P3V_SCL1 P3V_SDA1 FAN_CONT FAN_SOS ECO_ON F_STBY_ON
Q9000
NCS DATA0 CONF_DONE NCONFIG ASDI0 NCE DCLK
P3V_SCL2 P3V_SDA2
IC9008
AVR STB3.3V
STB5V_M SW Q9003 ON/OFF AVR STB3.3V
FOR FACTORY USE
D4
TXD RXD IIC/INT
TXD_PC RXD_PC IIC_INT
Q9004 Q9001
SDA2 SCL2 SDA1 SCL1 IIC_CONT
TO P25
D25
+12V +12V +5V +5V STBY5V FAN_CONT FAN_SOS F_STBY_ON ECO_ON PANEL_MAIN_ON PS_SOS
P12V P5V STB5V_M
FOR FACTORY USE
D6
DCLK CONF_DONE nCONFIG nCE DATA0 nCS ASDIO PSTB PBUSY PDB0 PSLCT PDB1 DCDC_ON XRST 3.3V 3.3V
IC9007
Ex.I/O
DATA DCLK NCS ADSI
IC9001
EEPROM
SDA SCL
Q9012 Q9013 Q9008 Q9009
IC9003
MICOM
XRST NRST OSD
TXD1 RXD1 IIC_CONT IIC_INT STB_SCL1 STB_SDA1 STB_SCL2 STB_SDA2
ALARM READY
PANEL_MAIN_ON PS_SOS
P_ON/OFF
DRV_SOS2 DRV_SOS9 DRV_SOS7 DRVRST_DATA
Q9011
XIN XOUT
X9000 9.216MHz
RESET
IC9004
RESET
STB3.3V
Q9023 Q9022 Q9021 Q9020
P5V_DET 3.3V_DET P12V_DET
P5V P12V 3.3V
LED_G LED_R REM_IN
Q9010 REMOCON
D8 NOT USED
LED_G LED_R REMOCON STB5V
STB5V_M
IC9700
AVR 2.5V
VCC CTL OUT
3.3V 2.5V
Q9702 Q9701
D2 D1 G2 S2 G1 S1
3.3V P12V 1.5V
SW1 BG2 TG2 VIN SW2 BG2 TG2
RUN/SS1 RUN/SS2
IC9702
DC_DC CONV.
Q9703 Q9704

TH-42PA50A/H/M, TH-37PA50H/M
D-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
D-Board Block Diagram

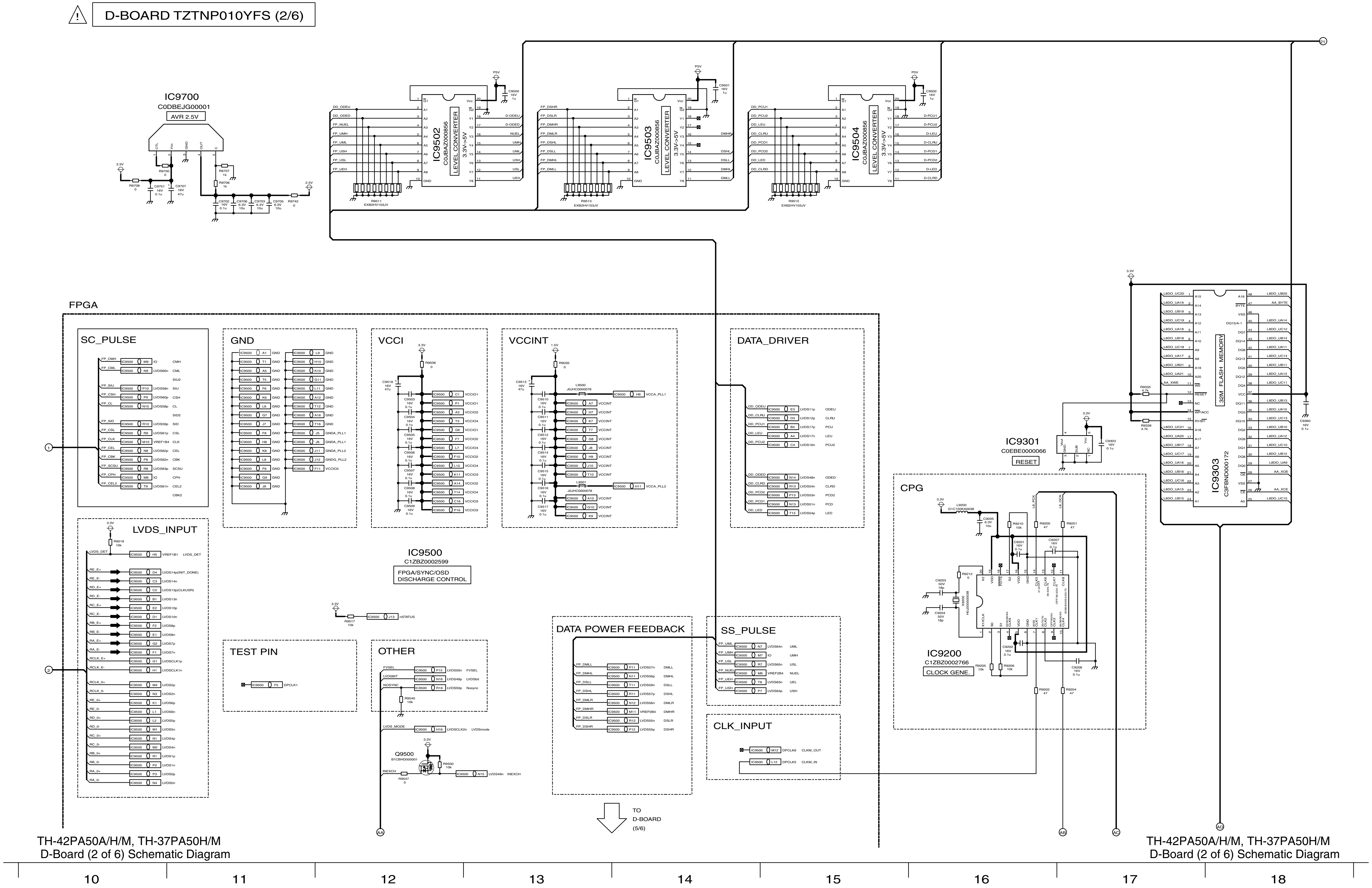
14.36. D-Board (1 of 6) Schematic Diagram


D-BOARD TZTNP010YFS (1/6)
TO P-BOARD (P25)
D25
TO DG-BOARD (DG3)
D3
TO DG-BOARD (DG5)
D5
TO SC-BOARD (SC20)
D20
IC9005
C0JBAZ000856
LEVEL CONVERTER
IC9006
C0JBAZ000856
LEVEL CONVERTER
IC9702
C0DBAZH00020
DC-DC CONVERTER
Q9701
B1MBCDA00002
Q9702
B1MBCDA00002
Q9703
B1ABCF000138
Q9704
B1ABCF000138
L9700
L9701
D9700
D9701
FL9701
FL9702
FL9703
FL9704
FL9002
FL9003
FL9004
R9010
EXB2HV103JV
R9012
EXB2HV103JV
R9073
EXB2HV470JV
R9075
EXB2HV470JV
P12V
P5V
STB5V_M
STB3.3V
3.3V
1.5V
DCDC_ON
P_ON/OFF
FAN_CONT
PANASONIC_MODE
FAN_SOS
ECO_ON
DRVMUTE
READY
ALARM
INEXCH
PANEL_STBY_ON
TUNER_SUB_ON
C_SEL
ALL_OFF
P3V_SCL1
P3V_SDA1
PS_SOS
PANEL_MAIN_ON
RUSH_ON/OFF
KILL_SOS
SC_CL
SC_CLK
SC_SIU
SC_SID
SC_SCSU
SC_CEL2
SC_CPH
SC_CEL
SC_CBK
SC_CSL
SC_CSH
SC_CML
SC_CMH
DRV_SOS7
DRV_SOS2
FP_CL
FP_CLK
FP_SIU
FP_SID
FP_SCSU
FP_CEL2
FP_CPH
FP_CEL
FP_CBK
FP_CSL
FP_CSH
FP_CML
FP_CMH
TO D-BOARD (4/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (1 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (1 of 6) Schematic Diagram

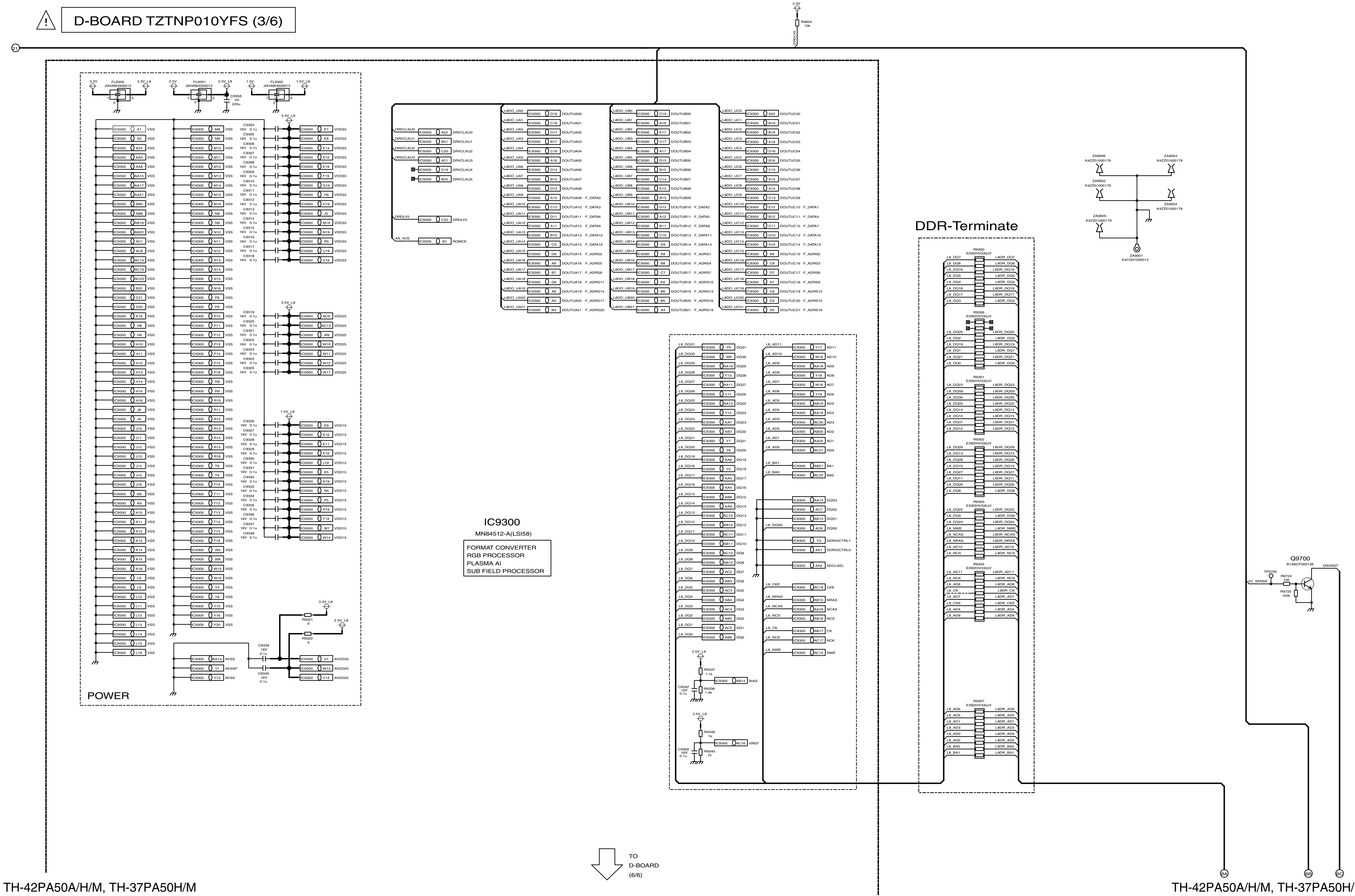
14.37. D-Board (2 of 6) Schematic Diagram


D-BOARD TZTNP010YFS (2/6)
IC9700
C0DBEJG00001
AVR 2.5V
IC9502
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V
IC9503
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V
IC9504
C0JBAZ000856
LEVEL CONVERTER
3.3V->5V
FPGA
SC_PULSE
GND
VCCI
VCCINT
DATA_DRIVER
LVDS_INPUT
IC9500
C1ZBZ0002599
FPGA/SYNC/OSD
DISCHARGE CONTROL
TEST PIN
OTHER
DATA POWER FEEDBACK
SS_PULSE
CLK_INPUT
CPG
IC9301
C0EBE0000066
RESET
IC9200
C1ZBZ0002766
CLOCK GENE.
IC9303
C3FBND000172
32M FLASH MEMORY
Q9500
B1CBHD000001
TO
D-BOARD
(5/6)
10
11
12
13
14
15
16
17
18

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (2 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (2 of 6) Schematic Diagram

14.38. D-Board (3 of 6) Schematic Diagram

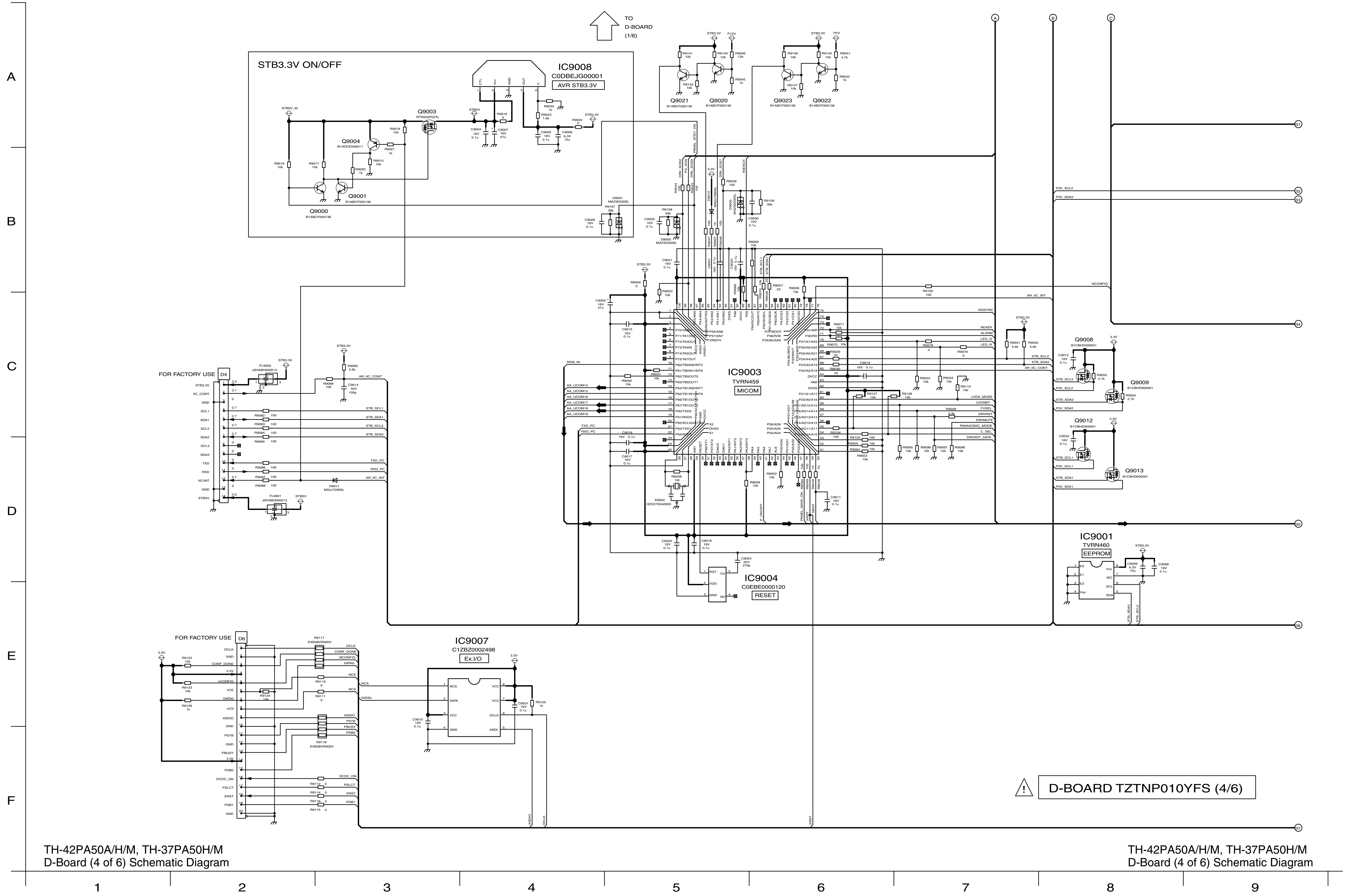

D-BOARD TZTNP010YFS (3/6)
POWER
IC9300
MN84512-A(LSI58)
FORMAT CONVERTER
RGB PROCESSOR
PLASMA AI
SUB FIELD PROCESSOR
DDR-Terminate
Q9700
TO
D-BOARD
(6/6)

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (3 of 6) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (3 of 6) Schematic Diagram

19 20 21 22 23 24 25 26 27

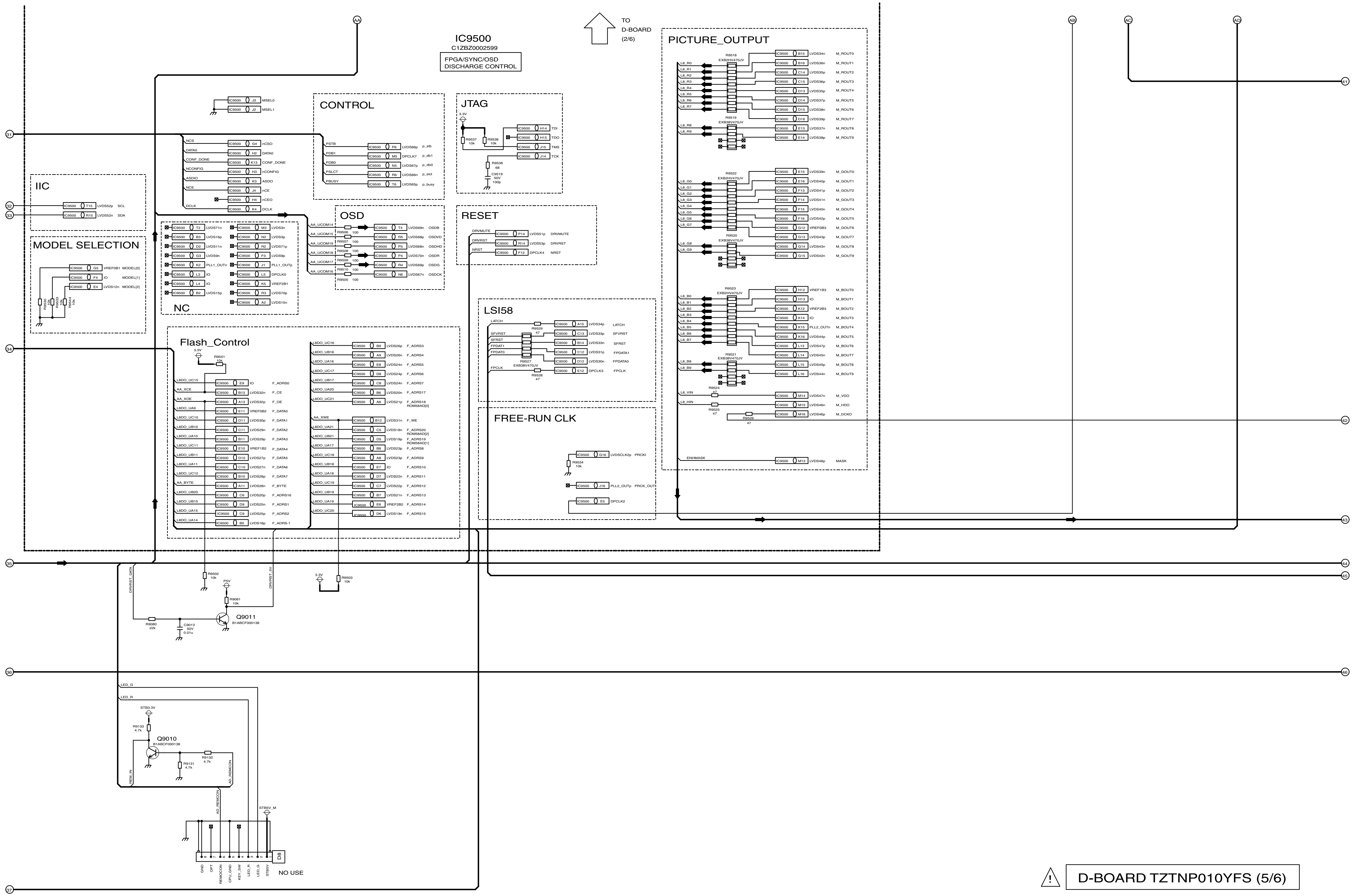
14.39. D-Board (4 of 6) Schematic Diagram


TO
D-BOARD
(1/6)
STB3.3V ON/OFF
IC9008
C0DBEJG00001
AVR STB3.3V
Q9003
RTR020P02TL
Q9004
B1ADCE000011
Q9001
B1ABCF000138
Q9000
B1ABCF000138
D9001
MAZ30300L
D9000
MAZ30300L
Q9021
Q9020
Q9023
Q9022
B1ABCF000138
IC9003
TVRN459
MICOM
X9000
H2D2705A0003
IC9004
C0EBE0000120
RESET
Q9008
B1CBHD000001
Q9009
B1CBHD000001
Q9012
B1CBHD000001
Q9013
B1CBHD000001
IC9001
TVRN460
EEPROM
FOR FACTORY USE
D4
FL9000
J0HABH000013
FL9001
J0HABH000013
D9011
MA2J72800L
FOR FACTORY USE
D6
R9117
EXB38VR000V
R9118
EXB38VR000V
IC9007
C1ZBZ0002498
Ex.I/O
D-BOARD TZTNP010YFS (4/6)
STB3.3V
STB5V
P12V
P5V
3.3V
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (4 of 6) Schematic Diagram

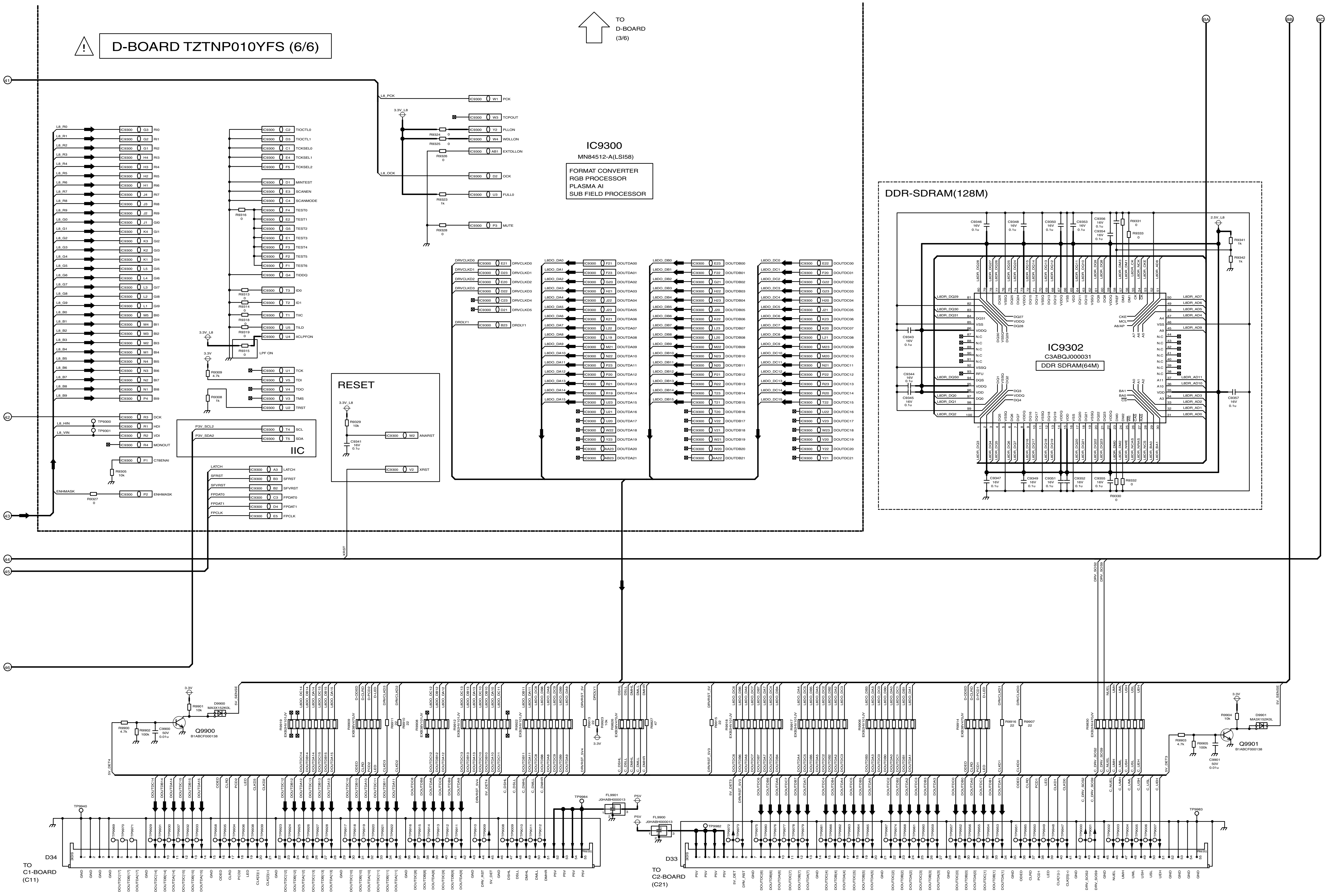
TH-42PA50A/H/M, TH-37PA50H/M
D-Board (4 of 6) Schematic Diagram

14.40. D-Board (5 of 6) Schematic Diagram


IC9500
C1ZBZ0002599
FPGA/SYNC/OSD DISCHARGE CONTROL
TO D-BOARD (2/6)
PICTURE_OUTPUT
CONTROL
JTAG
IIC
MODEL SELECTION
NC
OSD
RESET
LSI58
FREE-RUN CLK
Flash_Control
Q9011
B1ABCF000138
Q9010
B1ABCF000138
D8
NO USE
GND
OPT
REMOCON
CPU_GND
KEY_SW
LED_R
LED_G
STB5V
D-BOARD TZTNP010YFS (5/6)

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (5 of 6) Schematic Diagram

14.41. D-Board (6 of 6) Schematic Diagram

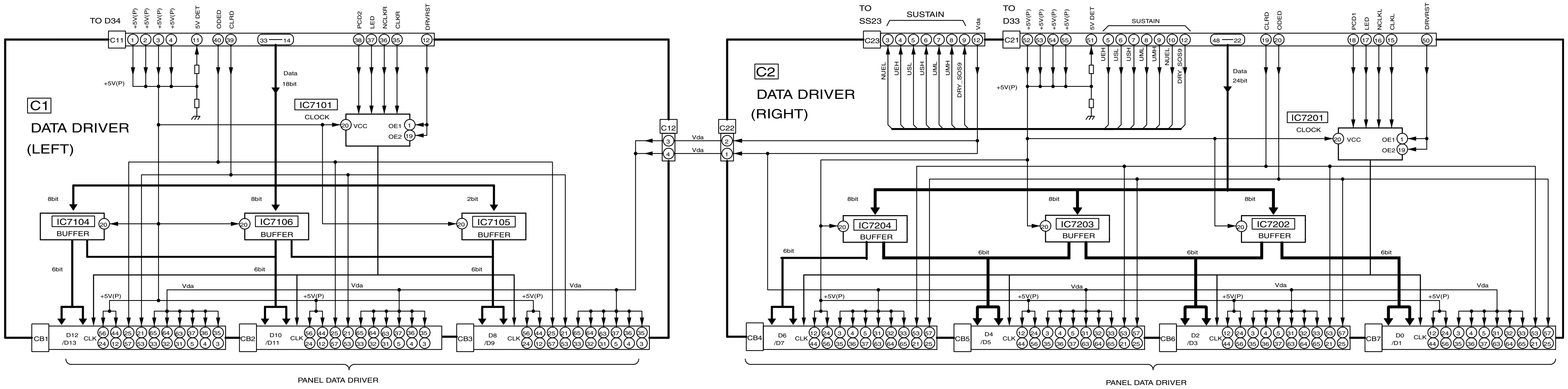

D-BOARD TZTNP010YFS (6/6)
TO
D-BOARD
(3/6)
IC9300
MN84512-A(LSI58)
FORMAT CONVERTER
RGB PROCESSOR
PLASMA AI
SUB FIELD PROCESSOR
DDR-SDRAM(128M)
IC9302
C3ABQJ000031
DDR SDRAM(64M)
RESET
IIC
Q9900
B1ABCF000138
Q9901
B1ABCF000138
D34
TO
C1-BOARD
(C11)
D33
TO
C2-BOARD
(C21)

TH-42PA50A/H/M, TH-37PA50H/M
D-Board (6 of 6) Schematic Diagram

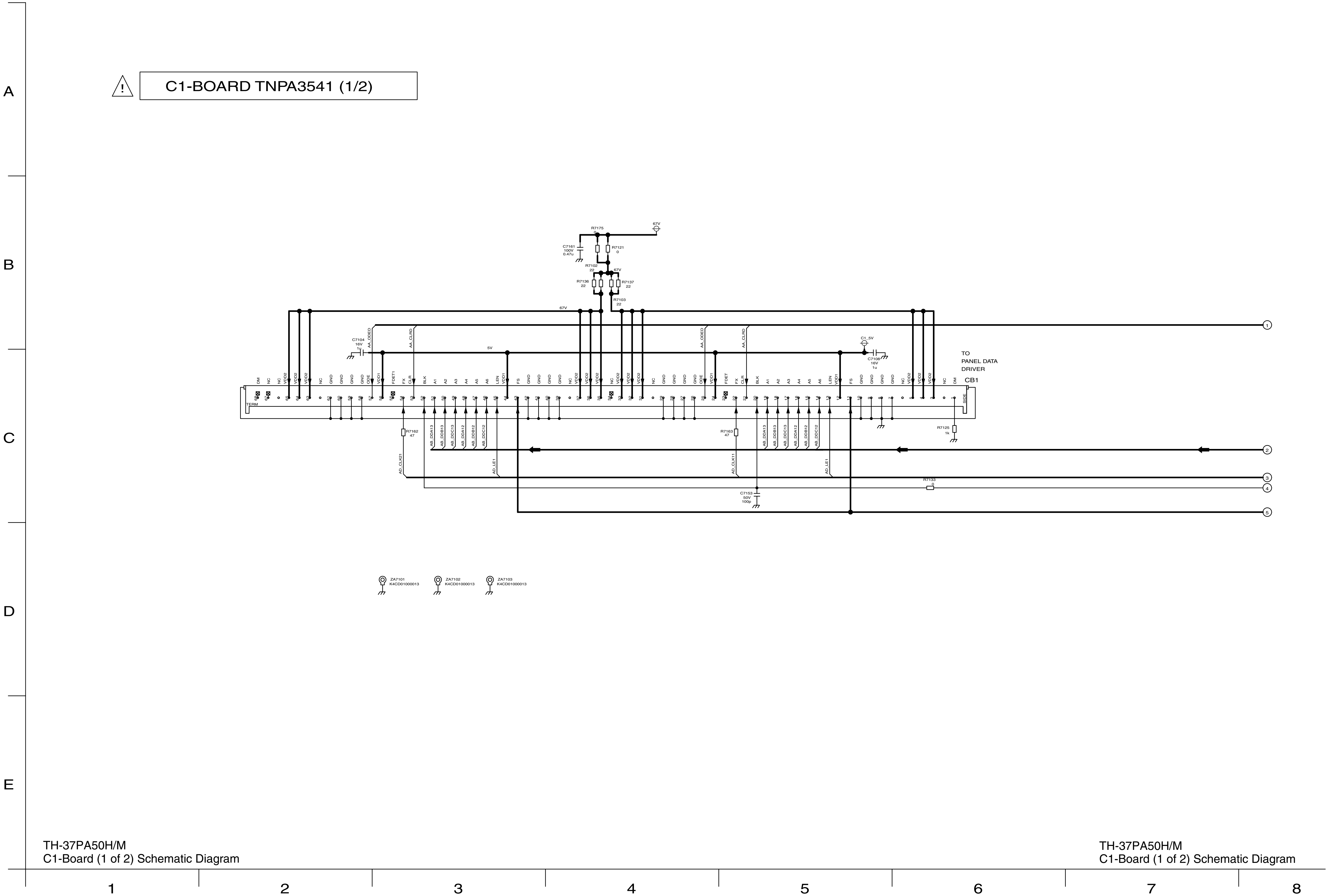
TH-42PA50A/H/M, TH-37PA50H/M
D-Board (6 of 6) Schematic Diagram

19 20 21 22 23 24 25 26 27

14.42. C1 and C2-Board Block Diagram


TO D34
C11
+5V(P)
5V DET
ODED
CLRD
PCD2
LED
NCLKR
CLKR
DRVRST
Data 18bit
C1
DATA DRIVER (LEFT)
IC7101 CLOCK
VCC
OE1
OE2
C12
Vda
IC7104 BUFFER
IC7106 BUFFER
IC7105 BUFFER
8bit
2bit
6bit
CB1 D12 /D13 CLK
CB2 D10 /D11 CLK
CB3 D8 /D9 CLK
PANEL DATA DRIVER
TO SS23
SUSTAIN
C23
TO D33
C21
NUEL
UEH
USL
USH
UML
UMH
DRY_SOS9
Data 24bit
CLRD
ODED
PCD1
LED
NCLKL
CLKL
DRVRST
C2
DATA DRIVER (RIGHT)
C22
IC7201 CLOCK
IC7204 BUFFER
IC7203 BUFFER
IC7202 BUFFER
CB4 D6 /D7 CLK
CB5 D4 /D5 CLK
CB6 D2 /D3 CLK
CB7 D0 /D1 CLK
PANEL DATA DRIVER

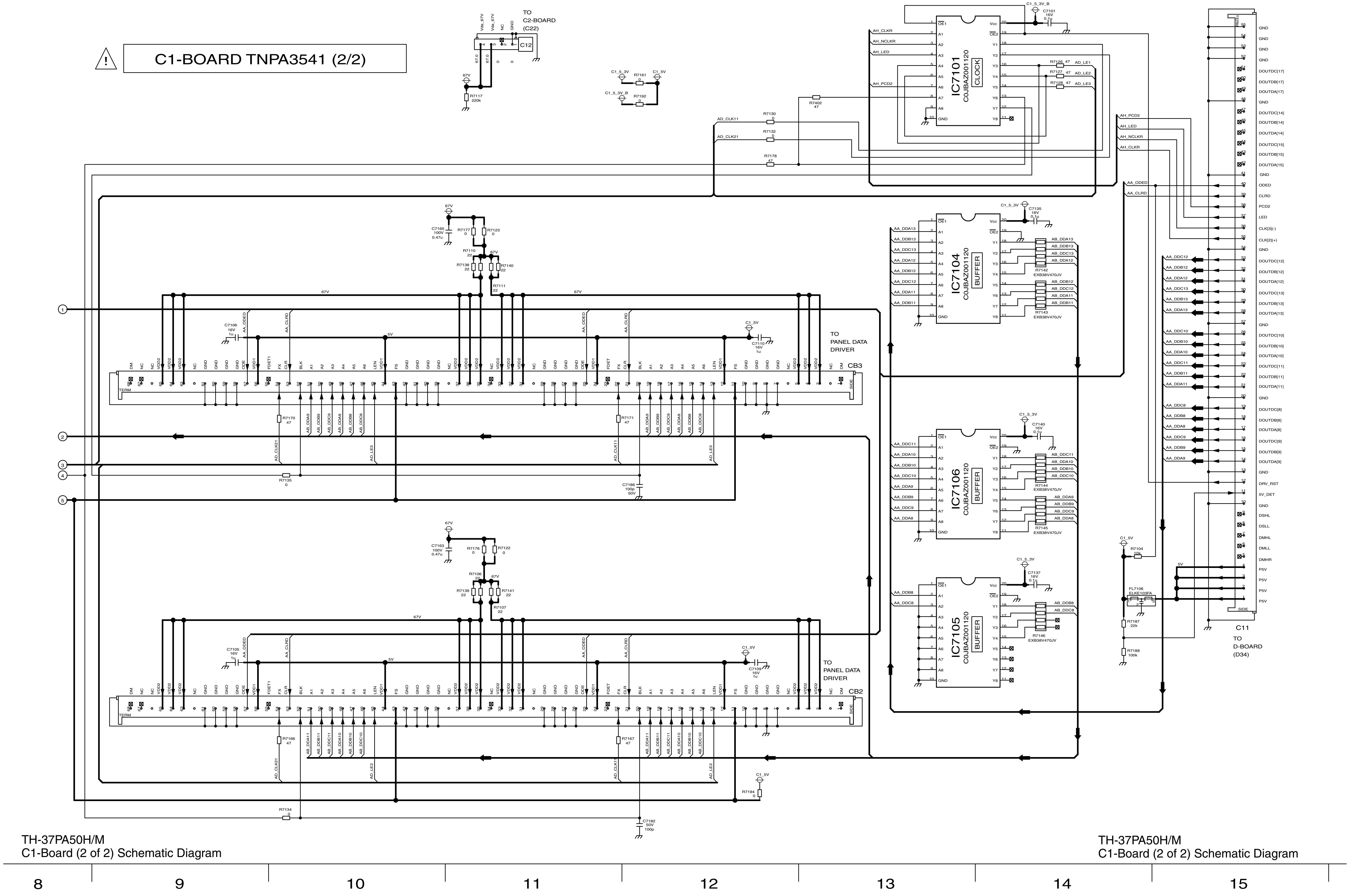
14.43. C1-Board (1 of 2) Schematic Diagram (37 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
C1-BOARD TNPA3541 (1/2)
R7175
67V
C7161
100V
0.47u
R7121
0
R7102
22
R7136
22
R7137
22
R7103
22
C7104
16V
1u
AA_ODED
AA_CLKD
5V
C1_5V
C7108
16V
1u
TO
PANEL DATA
DRIVER
CB1
TERM
SIDE
DM
NC
VDD2
GND
OE
VDD1
FDET
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
FS
R7162
47
R7163
47
R7125
1k
R7133
0
C7153
50V
100p
AD_CLK21
AD_LE1
AD_CLK11
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
1
2
3
4
5
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013

TH-37PA50H/M
C1-Board (1 of 2) Schematic Diagram

TH-37PA50H/M
C1-Board (1 of 2) Schematic Diagram

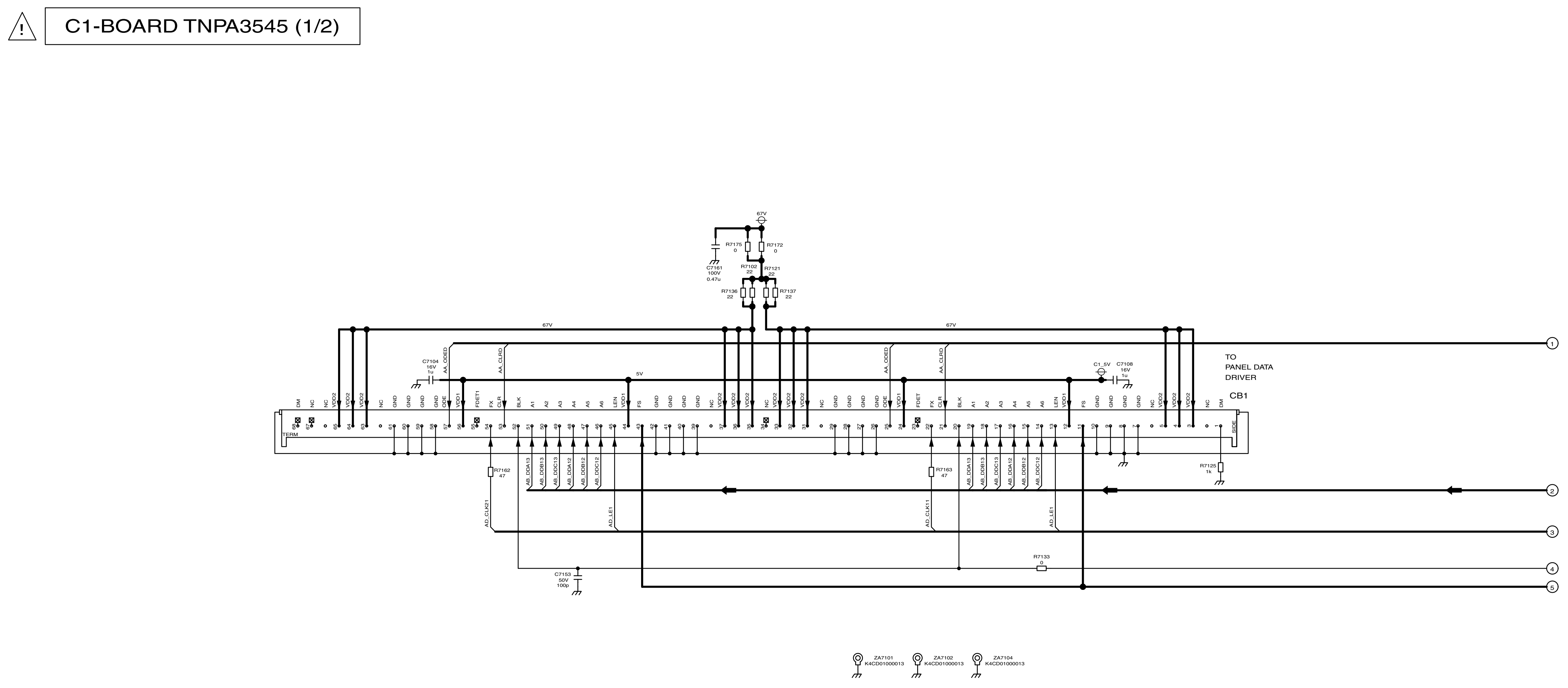
14.44. C1-Board (2 of 2) Schematic Diagram (37 inch)


C1-BOARD TNPA3541 (2/2)
TO
C2-BOARD
(C22)
C12
IC7101
C0JBAZ001120
CLOCK
IC7104
C0JBAZ001120
BUFFER
IC7106
C0JBAZ001120
BUFFER
IC7105
C0JBAZ001120
BUFFER
TO
PANEL DATA
DRIVER
CB3
TO
PANEL DATA
DRIVER
CB2
C11
TO
D-BOARD
(D34)
1
2
3
4
5
8
9
10
11
12
13
14
15

TH-37PA50H/M
C1-Board (2 of 2) Schematic Diagram

TH-37PA50H/M
C1-Board (2 of 2) Schematic Diagram

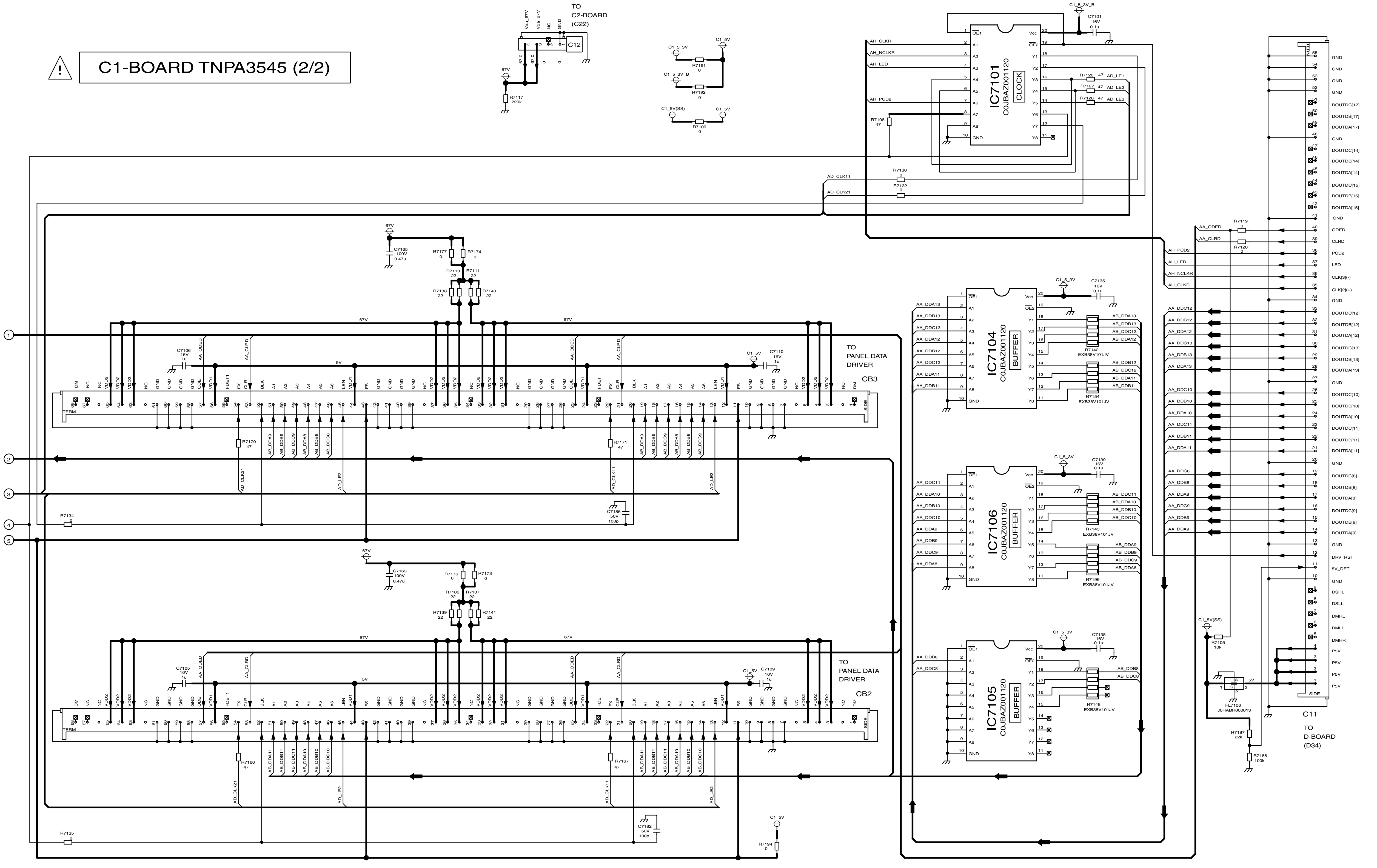
14.45. C1-Board (1 of 2) Schematic Diagram (42 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
C1-BOARD TNPA3545 (1/2)
67V
R7175
0
R7172
0
C7161
100V
0.47u
R7102
22
R7121
22
R7136
22
R7137
22
67V
67V
5V
C7104
16V
1u
AA_ODED
AA_CLRD
AA_ODED
AA_CLRD
C1_5V
C7108
16V
1u
TO
PANEL DATA
DRIVER
CB1
DM
NC
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
ODE
VDD1
FDET1
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
VDD1
FS
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
ODE
VDD1
FDET
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
VDD1
FS
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
DM
68
67
65
64
63
61
60
59
58
57
56
55
54
53
52
51
50
49
48
47
46
45
44
43
42
41
40
39
37
36
35
34
33
32
31
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
5
4
3
1
TERM
SIDE
R7162
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK21
AD_LE1
R7163
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK11
AD_LE1
R7125
1k
C7153
50V
100p
R7133
0
①
②
③
④
⑤
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7104
K4CD01000013

TH-42PA50A/H/M
C1-Board (1 of 2) Schematic Diagram

TH-42PA50A/H/M
C1-Board (1 of 2) Schematic Diagram

14.46. C1-Board (2 of 2) Schematic Diagram (42 inch)

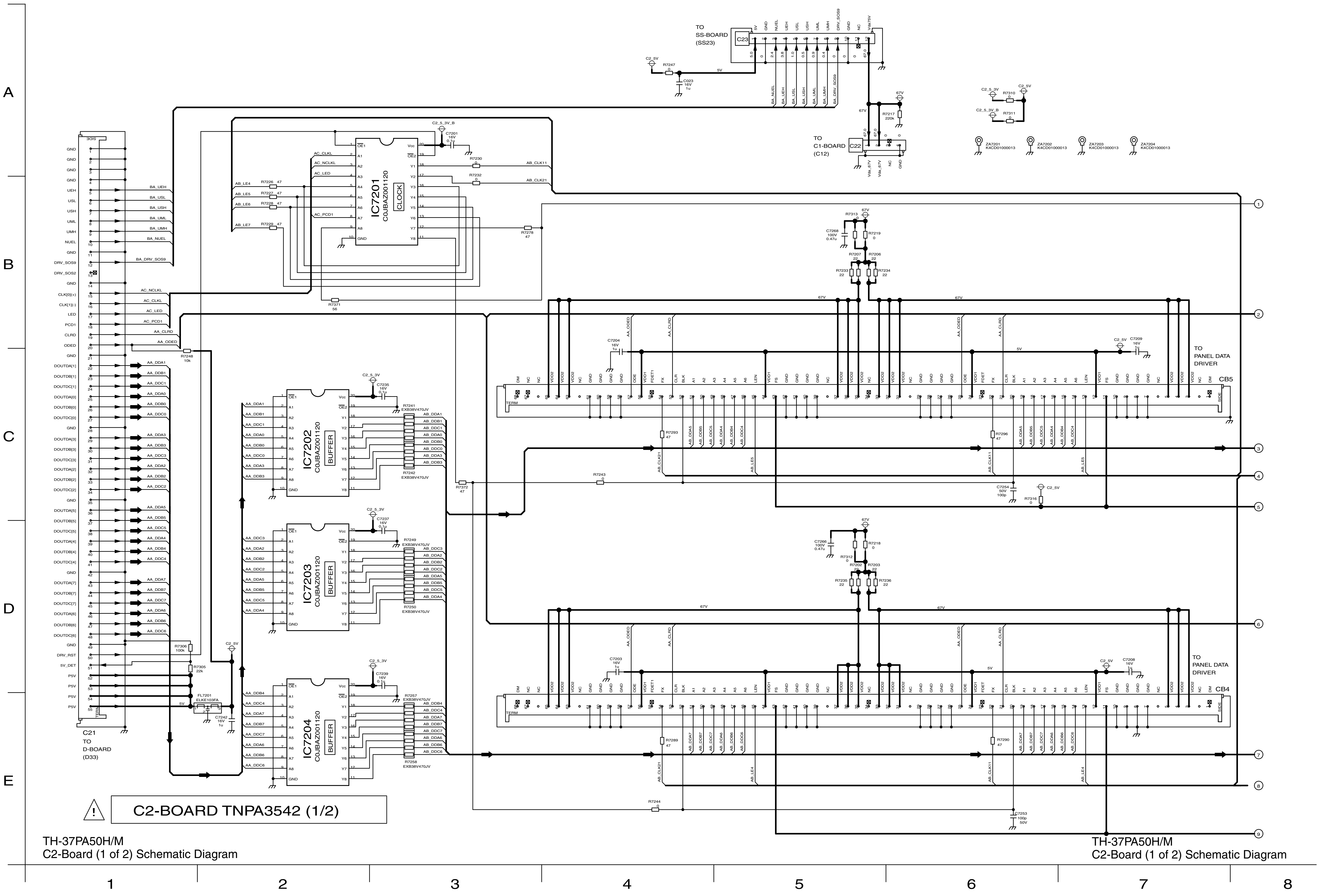

C1-BOARD TNPA3545 (2/2)
TO
C2-BOARD
(C22)
C12
67V
R7117
220k
C1_5_3V
C1_5V
R7161
0
C1_5_3V_B
R7192
0
C1_5V(SS)
R7109
0
C1_5_3V_B
C7101
16V
0.1u
IC7101
C0JBAZ001120
CLOCK
AH_CLKR
AH_NCLKR
AH_LED
AH_PCD2
R7108
47
R7126 47 AD_LE1
R7127 47 AD_LE2
R7128 47 AD_LE3
AD_CLK11
AD_CLK21
R7130
0
R7132
0
67V
C7165
100V
0.47u
R7177
0
R7174
0
R7110
22
R7111
22
R7138
22
R7140
22
C7106
16V
1u
C7110
16V
1u
5V
TO
PANEL DATA
DRIVER
CB3
TERM
SIDE
R7170
47
R7171
47
AD_CLK21
AD_LE3
AD_CLK11
R7134
0
C7186
50V
100p
C7163
100V
0.47u
R7176
0
R7173
0
R7106
22
R7107
22
R7139
22
R7141
22
C7105
16V
1u
C7109
16V
1u
TO
PANEL DATA
DRIVER
CB2
R7166
47
R7167
47
AD_CLK21
AD_LE2
AD_CLK11
R7135
0
C7182
50V
100p
R7194
0
IC7104
C0JBAZ001120
BUFFER
C7135
16V
0.1u
R7142
EXB38V101JV
R7154
EXB38V101JV
IC7106
C0JBAZ001120
BUFFER
C7139
16V
0.1u
R7143
EXB38V101JV
R7196
EXB38V101JV
IC7105
C0JBAZ001120
BUFFER
C7138
16V
0.1u
R7148
EXB38V101JV
AA_ODED
AA_CLRD
R7119
0
R7120
0
C1_5V(SS)
R7105
10k
FL7106
J0HABH000013
R7187
22k
R7188
100k
C11
TO
D-BOARD
(D34)
GND
DOUTDC[17]
DOUTDB[17]
DOUTDA[17]
ODED
CLRD
PCD2
LED
CLK[3](-)
CLK[2](+)
DRV_RST
5V_DET
DSHL
DSLL
DMHL
DMLL
DMHR
P5V
1
2
3
4
5

TH-42PA50A/H/M
C1-Board (2 of 2) Schematic Diagram

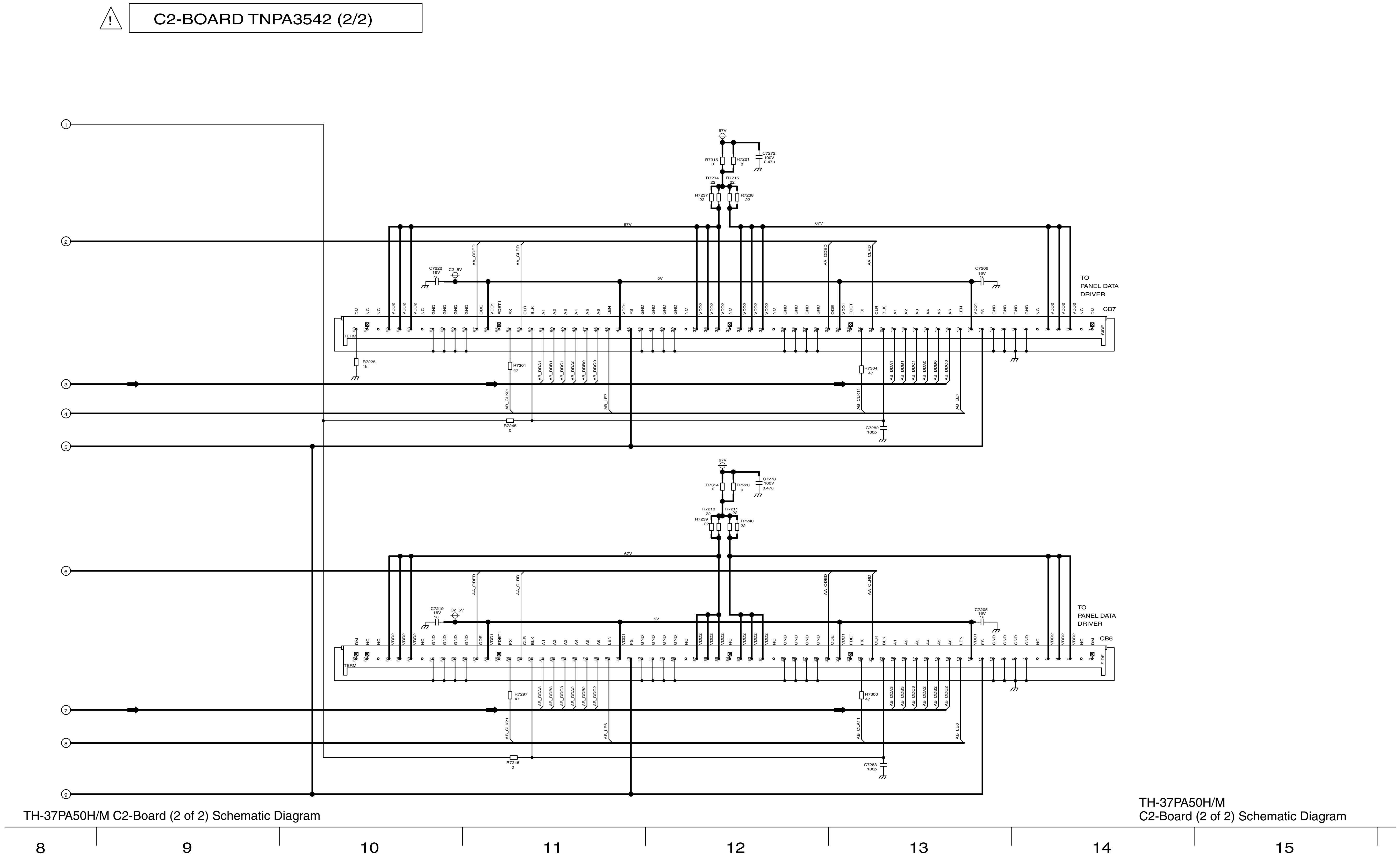
TH-42PA50A/H/M
C1-Board (2 of 2) Schematic Diagram

8	9	10	11	12	13	14	15

14.47. C2-Board (1 of 2) Schematic Diagram (37 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
TO
SS-BOARD
(SS23)
C23
TO
C1-BOARD
(C12)
C22
ZA7201
ZA7202
ZA7203
ZA7204
IC7201
C0JBAZ001120
CLOCK
IC7202
C0JBAZ001120
BUFFER
IC7203
C0JBAZ001120
BUFFER
IC7204
C0JBAZ001120
BUFFER
C21
TO
D-BOARD
(D33)
FL7201
ELKE103FA
TO
PANEL DATA
DRIVER
CB5
TO
PANEL DATA
DRIVER
CB4
67V
5V
C2_5V
C2_5_3V
C2_5_3V_B
! C2-BOARD TNPA3542 (1/2)
TH-37PA50H/M
C2-Board (1 of 2) Schematic Diagram
TH-37PA50H/M
C2-Board (1 of 2) Schematic Diagram

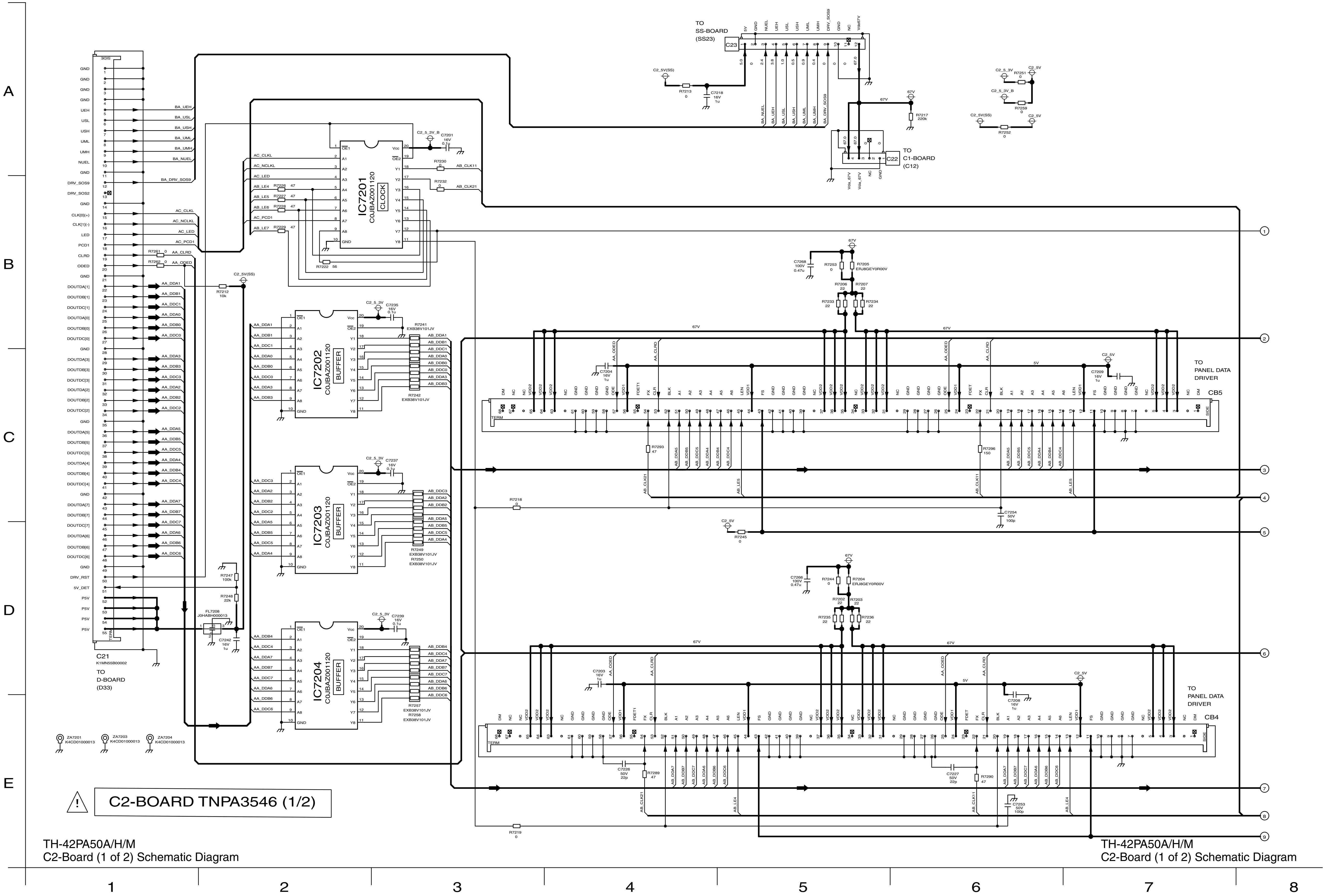
14.48. C2-Board (2 of 2) Schematic Diagram (37 inch)


C2-BOARD TNPA3542 (2/2)
1
2
3
4
5
6
7
8
9
67V
R7315
0
R7221
0
C7272
100V
0.47u
R7214
22
R7215
22
R7237
22
R7238
22
67V
AA_ODED
AA_CLRD
C7222
16V
1u
C2_5V
5V
C7206
16V
1u
TO
PANEL DATA
DRIVER
CB7
DM
NC
VDD2
GND
ODE
VDD1
FDET1
FDET
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
FS
SIDE
TERM
R7225
1k
R7301
47
R7304
47
AB_DDA1
AB_DDB1
AB_DDC1
AB_DDA0
AB_DDB0
AB_DDC0
AB_CLK21
AB_CLK11
AB_LE7
R7245
0
C7282
100p
R7314
0
R7220
0
C7270
100V
0.47u
R7210
22
R7211
22
R7239
22
R7240
22
C7219
16V
1u
C7205
16V
1u
CB6
R7297
47
R7300
47
AB_DDA3
AB_DDB3
AB_DDC3
AB_DDA2
AB_DDB2
AB_DDC2
AB_LE6
R7246
0
C7283
100p

TH-37PA50H/M C2-Board (2 of 2) Schematic Diagram

TH-37PA50H/M
C2-Board (2 of 2) Schematic Diagram

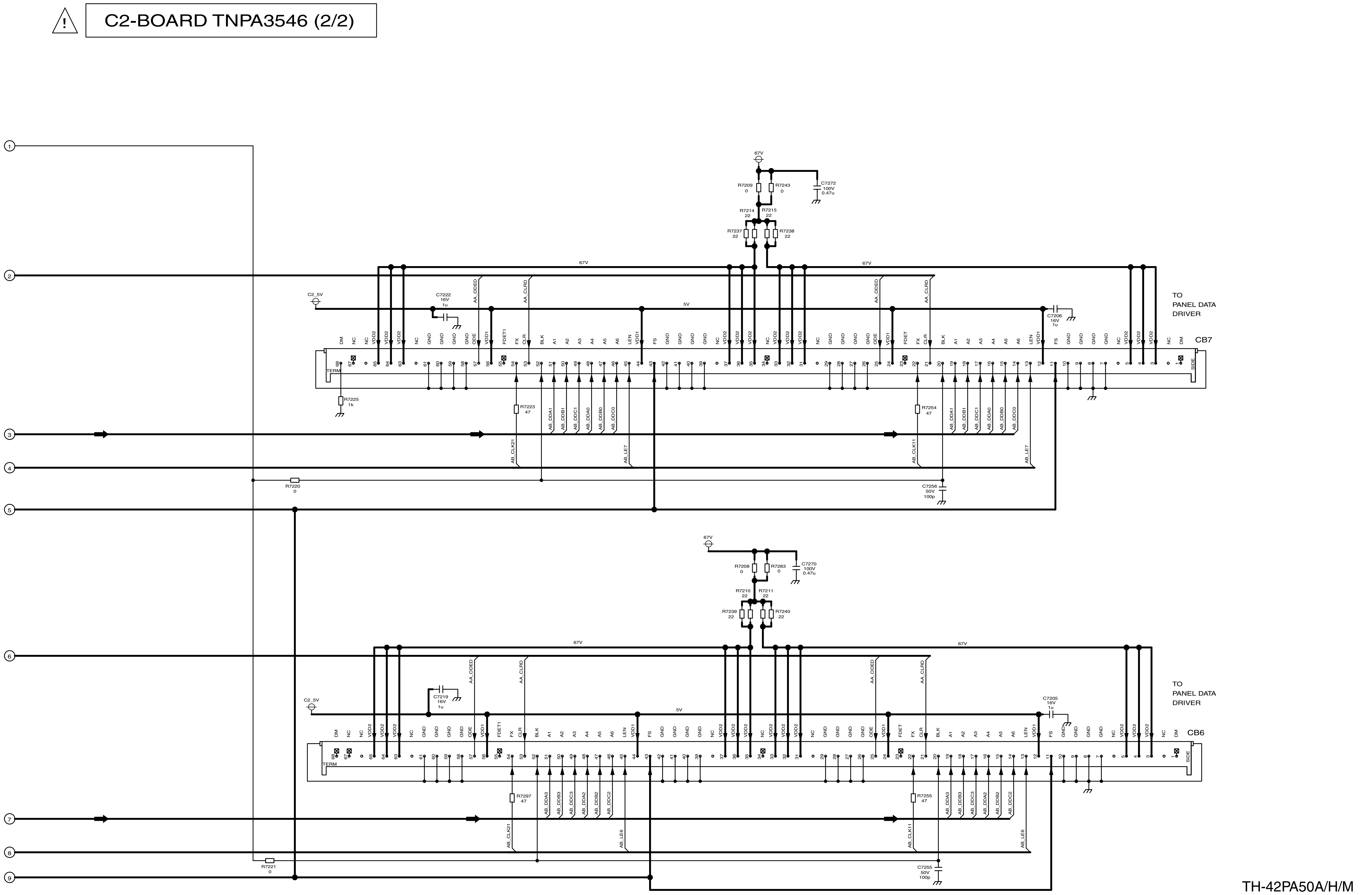
14.49. C2-Board (1 of 2) Schematic Diagram (42 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
TO
SS-BOARD
(SS23)
C23
TO
C1-BOARD
(C12)
C22
IC7201
C0JBAZ001120
CLOCK
IC7202
C0JBAZ001120
BUFFER
IC7203
C0JBAZ001120
BUFFER
IC7204
C0JBAZ001120
BUFFER
C21
K1MN55B00002
TO
D-BOARD
(D33)
FL7208
J0HABH000013
TO
PANEL DATA
DRIVER
CB5
TO
PANEL DATA
DRIVER
CB4
ZA7201
K4CD01000013
ZA7203
K4CD01000013
ZA7204
K4CD01000013
C2-BOARD TNPA3546 (1/2)

TH-42PA50A/H/M
C2-Board (1 of 2) Schematic Diagram

TH-42PA50A/H/M
C2-Board (1 of 2) Schematic Diagram

14.50. C2-Board (2 of 2) Schematic Diagram (42 inch)

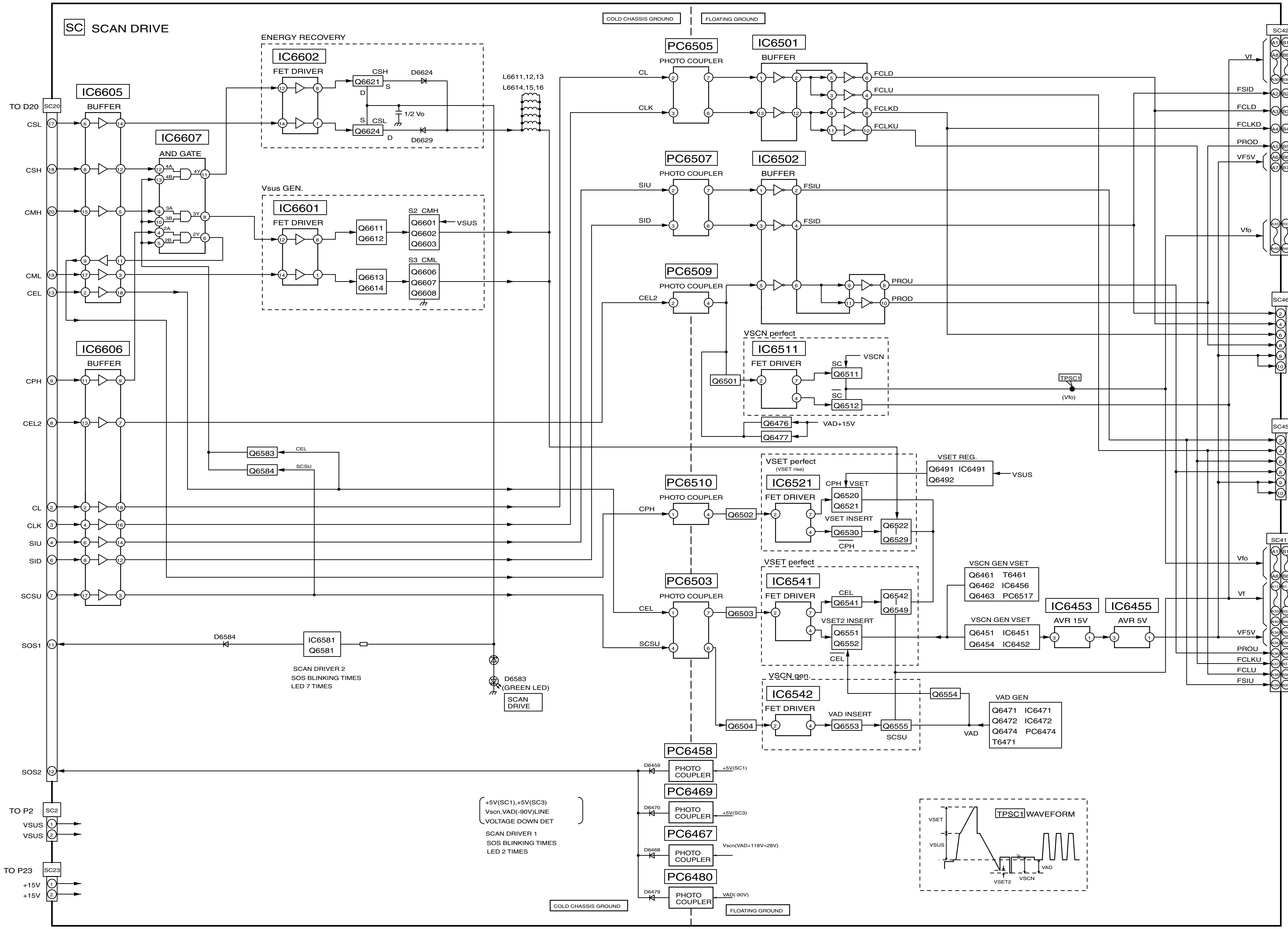

C2-BOARD TNPA3546 (2/2)
①
②
③
④
⑤
⑥
⑦
⑧
⑨
67V
R7209 0
R7243 0
C7272 100V 0.47u
R7214 22
R7215 22
R7237 22
R7238 22
C2_5V
C7222 16V 1u
AA_ODED
AA_CLRD
5V
C7206 16V 1u
TO PANEL DATA DRIVER
CB7
DM NC NC VDD2 VDD2 VDD2 NC GND GND GND GND ODE VDD1 FDET1 FX CLR BLK A1 A2 A3 A4 A5 A6 LEN VDD1 FS GND GND GND GND NC VDD2 VDD2 NC VDD2 VDD2 VDD2 NC GND GND GND GND ODE VDD1 FDET FX CLR BLK A1 A2 A3 A4 A5 A6 LEN VDD1 FS GND GND GND GND NC VDD2 VDD2 VDD2 NC DM
TERM
SIDE
R7225 1k
R7223 47
AB_DDA1
AB_DDB1
AB_DDC1
AB_DDA0
AB_DDB0
AB_DDC0
AB_CLK21
AB_LE7
R7254 47
AB_CLK11
R7220 0
C7256 50V 100p
R7208 0
R7283 0
C7270 100V 0.47u
R7210 22
R7211 22
R7239 22
R7240 22
C7219 16V 1u
C7205 16V 1u
CB6
R7297 47
AB_DDA3
AB_DDB3
AB_DDC3
AB_DDA2
AB_DDB2
AB_DDC2
AB_LE6
R7255 47
R7221 0
C7255 50V 100p

TH-42PA50A/H/M C2-Board (2 of 2) Schematic Diagram

TH-42PA50A/H/M
C2-Board (2 of 2) Schematic Diagram

8	9	10	11	12	13	14	15

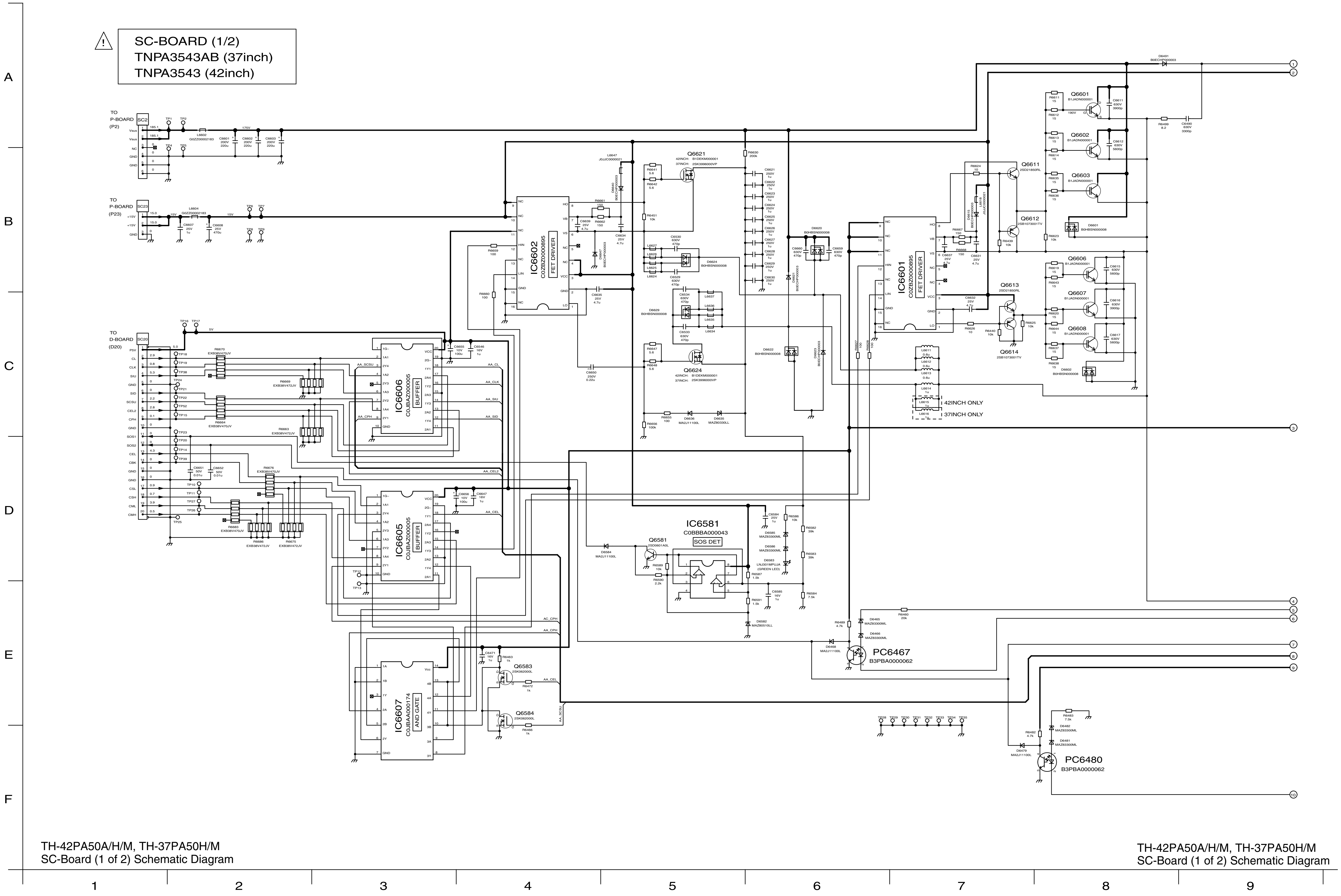
14.51. SC-Board Block Diagram


SC SCAN DRIVE
COLD CHASSIS GROUND
FLOATING GROUND
ENERGY RECOVERY
IC6602
FET DRIVER
CSH
D6624
Q6621
S
D
1/2 Vo
CSL
Q6624
D6629
L6611,12,13
L6614,15,16
TO D20
SC20
CSL
CSH
CMH
CML
CEL
CPH
CEL2
CL
CLK
SIU
SID
SCSU
SOS1
SOS2
IC6605
BUFFER
IC6607
AND GATE
IC6606
BUFFER
Vsus GEN.
IC6601
FET DRIVER
Q6611
Q6612
Q6613
Q6614
S2 CMH
Q6601
Q6602
Q6603
VSUS
S3 CML
Q6606
Q6607
Q6608
Q6583
Q6584
CEL
SCSU
D6584
IC6581
Q6581
SCAN DRIVER 2
SOS BLINKING TIMES
LED 7 TIMES
D6583
(GREEN LED)
SCAN DRIVE
TO P2
SC2
VSUS
VSUS
TO P23
SC23
+15V
+15V
+5V(SC1),+5V(SC3)
Vscn,VAD(-90V)LINE
VOLTAGE DOWN DET
SCAN DRIVER 1
SOS BLINKING TIMES
LED 2 TIMES
PC6505
PHOTO COUPLER
CL
CLK
IC6501
BUFFER
FCLD
FCLU
FCLKD
FCLKU
PC6507
PHOTO COUPLER
SIU
SID
IC6502
BUFFER
FSIU
FSID
PC6509
PHOTO COUPLER
CEL2
PROU
PROD
VSCN perfect
IC6511
FET DRIVER
Q6501
SC
Q6511
VSCN
SC
Q6512
TPSC1
(Vfo)
Q6476
Q6477
VAD+15V
VSET perfect
(VSET rise)
IC6521
FET DRIVER
CPH
VSET
Q6520
Q6521
VSET INSERT
Q6530
Q6522
Q6529
CPH
VSET REG.
Q6491 IC6491
Q6492
VSUS
PC6510
PHOTO COUPLER
CPH
Q6502
PC6503
PHOTO COUPLER
CEL
SCSU
Q6503
VSET perfect
IC6541
FET DRIVER
CEL
Q6541
Q6542
Q6549
VSET2 INSERT
Q6551
Q6552
CEL
VSCN GEN VSET
Q6461 T6461
Q6462 IC6456
Q6463 PC6517
VSCN GEN VSET
Q6451 IC6451
Q6454 IC6452
IC6453
AVR 15V
IC6455
AVR 5V
VSCN gen.
IC6542
FET DRIVER
Q6504
VAD INSERT
Q6553
Q6555
SCSU
Q6554
VAD GEN
Q6471 IC6471
Q6472 IC6472
Q6474 PC6474
T6471
VAD
PC6458
D6459
PHOTO COUPLER
+5V(SC1)
PC6469
D6470
PHOTO COUPLER
+5V(SC3)
PC6467
D6468
PHOTO COUPLER
Vscn(VAD+118V=28V)
PC6480
D6479
PHOTO COUPLER
VAD(-90V)
COLD CHASSIS GROUND
FLOATING GROUND
TPSC1 WAVEFORM
VSET
VSUS
VSET2
VSCN
VAD
SC42
TO SD42
Vf
FSID
FCLD
FCLKD
PROD
VF5V
Vfo
SC46
TO SD46
FSID
FCLD
FCLKD
PROD
VF5V
VF5V
SC45
TO SU45
FSIU
FCLU
FCLKU
PROU
VF5V
VF5V
SC41
TO SU41
Vfo
Vf
VF5V
PROU
FCLKU
FCLU
FSIU

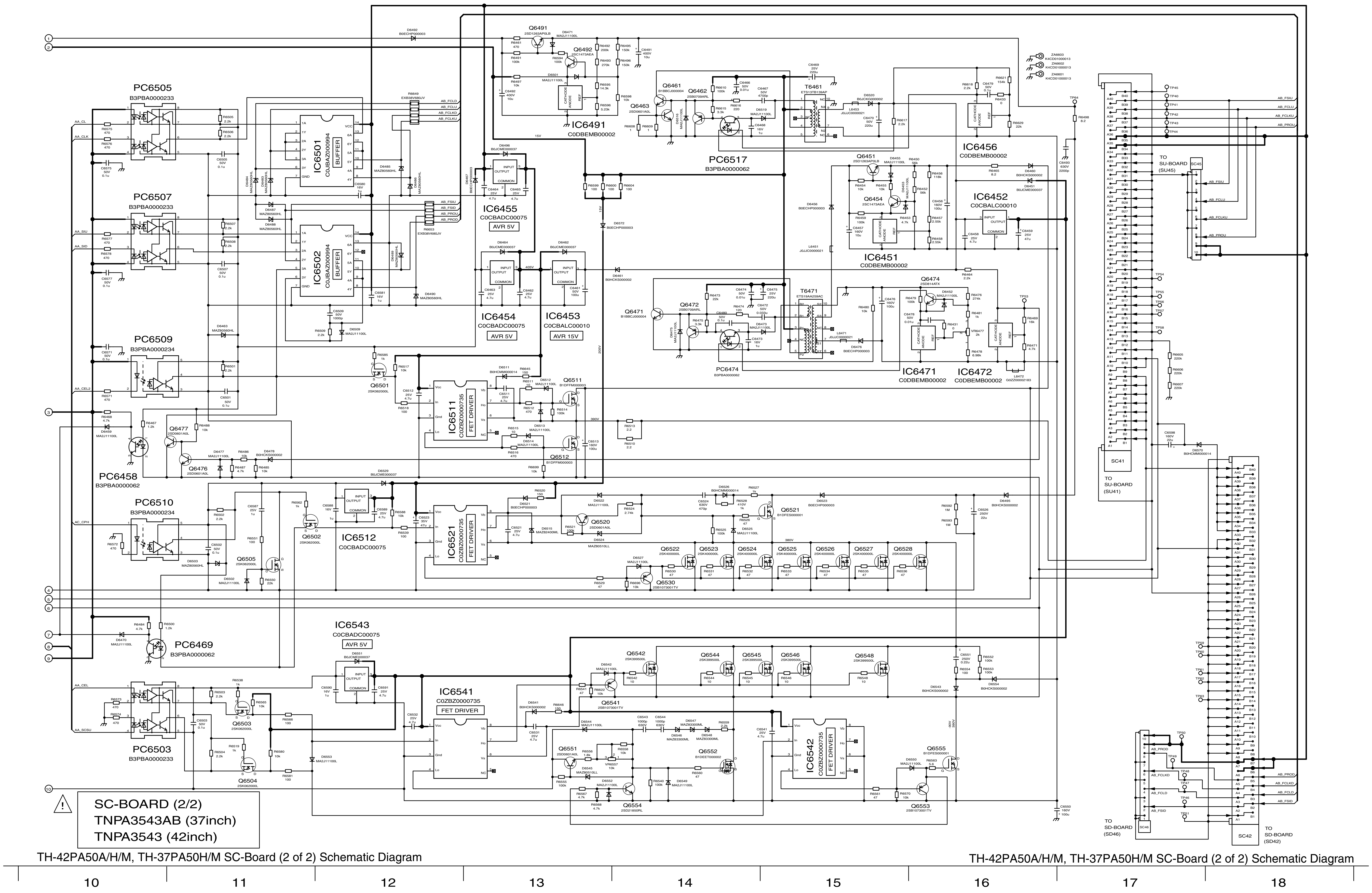
TH-42PA50A/H/M, TH-37PA50H/M
SC-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
SC-Board Block Diagram

14.52. SC-Board (1 of 2) Schematic Diagram


SC-BOARD (1/2)
TNPA3543AB (37inch)
TNPA3543 (42inch)
TO P-BOARD (P2)
SC2
TO P-BOARD (P23)
SC23
TO D-BOARD (D20)
SC20
IC6602
C0ZBZ0000895
FET DRIVER
IC6601
C0ZBZ0000895
FET DRIVER
IC6606
C0JBAZ000005
BUFFER
IC6605
C0JBAZ000005
BUFFER
IC6607
C0JBAA000174
AND GATE
IC6581
C0BBBA000043
SOS DET
Q6621
Q6624
Q6601
Q6602
Q6603
Q6606
Q6607
Q6608
Q6611
Q6612
Q6613
Q6614
Q6581
Q6583
Q6584
PC6467
B3PBA0000062
PC6480
B3PBA0000062
42INCH ONLY
37INCH ONLY
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

14.53. SC-Board (2 of 2) Schematic Diagram

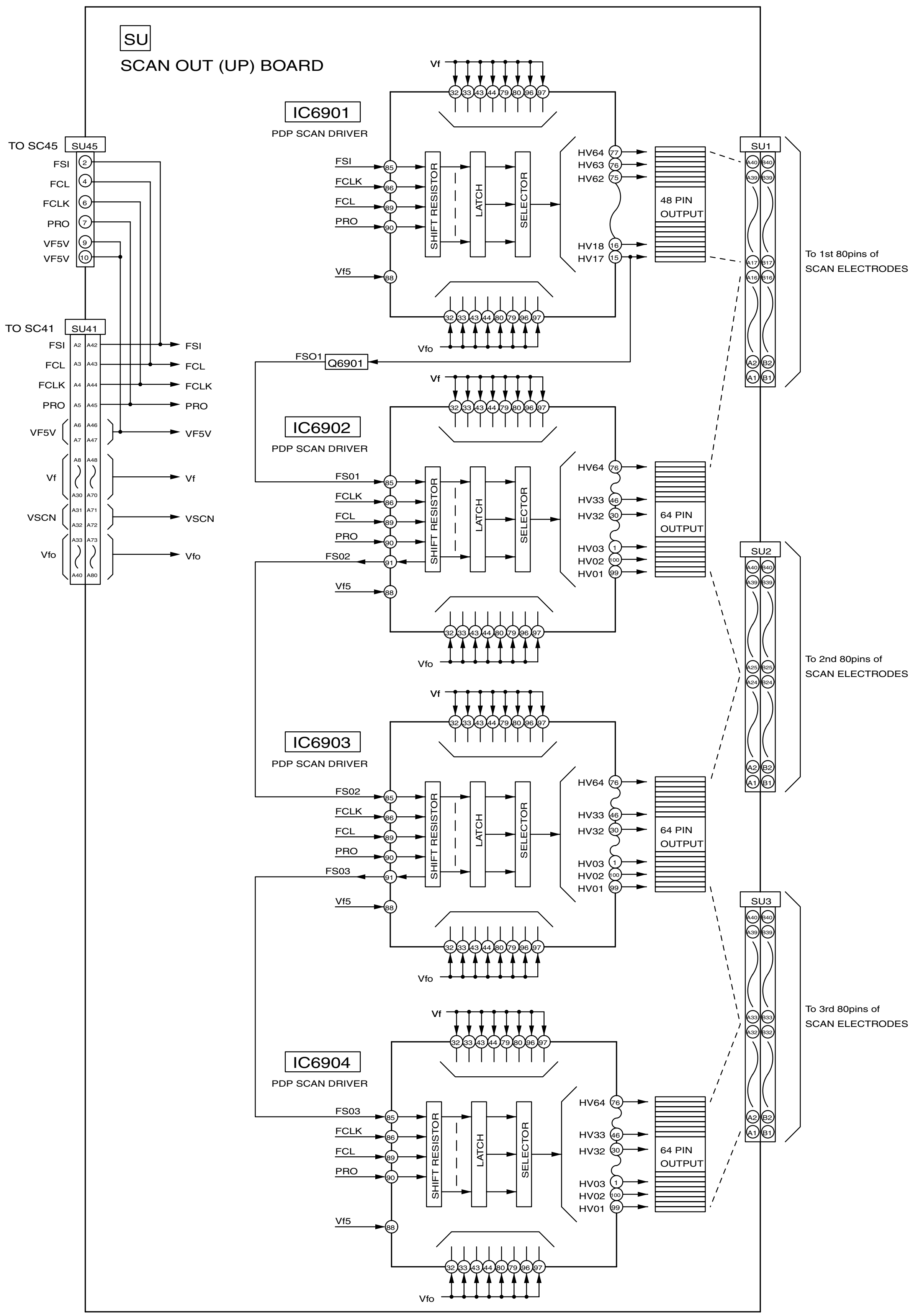

PC6505
B3PBA0000233
PC6507
B3PBA0000233
PC6509
B3PBA0000234
PC6458
B3PBA0000062
PC6510
B3PBA0000234
PC6469
B3PBA0000062
PC6503
B3PBA0000233
IC6501
C0JBAZ000994
BUFFER
IC6502
C0JBAZ000994
BUFFER
IC6491
C0DBEMB00002
IC6455
C0CBADC00075
AVR 5V
IC6454
C0CBADC00075
AVR 5V
IC6453
C0CBALC00010
AVR 15V
PC6517
B3PBA0000062
IC6456
C0DBEMB00002
IC6452
C0CBALC00010
IC6451
C0DBEMB00002
IC6471
C0DBEMB00002
IC6472
C0DBEMB00002
PC6474
B3PBA0000062
IC6511
C0ZBZ0000735
FET DRIVER
IC6512
C0CBADC00075
IC6521
C0ZBZ0000735
FET DRIVER
IC6543
C0CBADC00075
AVR 5V
IC6541
C0ZBZ0000735
FET DRIVER
IC6542
C0ZBZ0000735
FET DRIVER
Q6491
Q6492
Q6461
Q6462
Q6463
Q6451
Q6454
Q6471
Q6472
Q6474
Q6477
Q6476
Q6501
Q6502
Q6505
Q6503
Q6504
Q6511
Q6512
Q6520
Q6521
Q6522
Q6523
Q6524
Q6525
Q6526
Q6527
Q6528
Q6530
Q6541
Q6542
Q6544
Q6545
Q6546
Q6548
Q6551
Q6552
Q6553
Q6554
Q6555
T6461
T6471
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AC_CPH
AA_CEL
AA_SCSU
AB_FCLD
AB_FCLU
AB_FCLKD
AB_FCLKU
AB_FSIU
AB_FSID
AB_PROU
AB_PROD
TO SU-BOARD (SU45)
TO SU-BOARD (SU41)
TO SD-BOARD (SD46)
TO SD-BOARD (SD42)
SC45
SC41
SC46
SC42
10
11
12
13
14
15
16
17
18

SC-BOARD (2/2)
TNPA3543AB (37inch)
TNPA3543 (42inch)

TH-42PA50A/H/M, TH-37PA50H/M SC-Board (2 of 2) Schematic Diagram

TH-42PA50A/H/M, TH-37PA50H/M SC-Board (2 of 2) Schematic Diagram

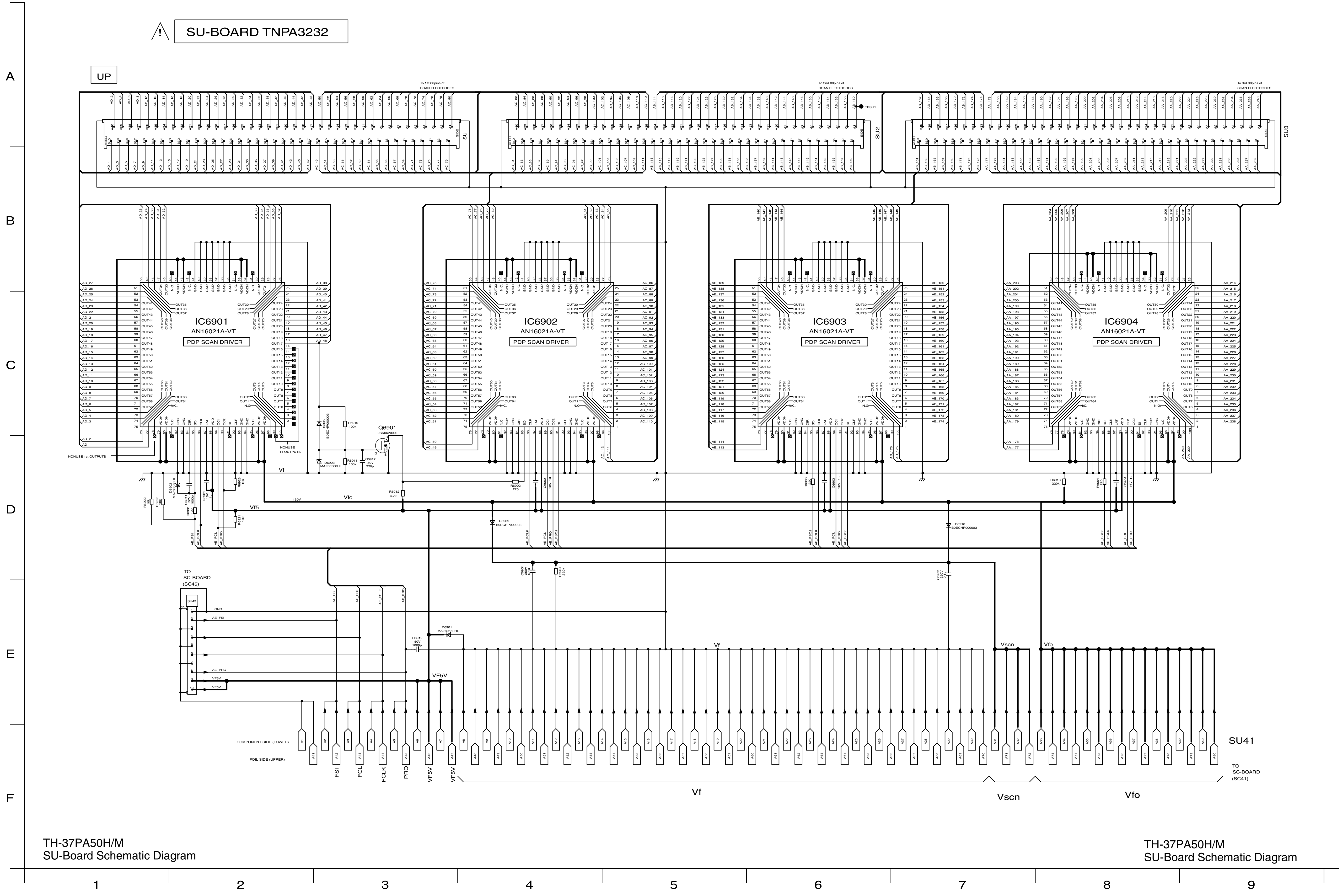
14.54. SU-Board Block Diagram


SU
SCAN OUT (UP) BOARD
TO SC45
SU45
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO SC41
SU41
FSI
FCL
FCLK
PRO
VF5V
Vf
VSCN
Vfo
IC6901
PDP SCAN DRIVER
IC6902
PDP SCAN DRIVER
IC6903
PDP SCAN DRIVER
IC6904
PDP SCAN DRIVER
SHIFT RESISTOR
LATCH
SELECTOR
Vf
Vf5
Vfo
FS01
FS02
FS03
FSO1
Q6901
HV64
HV63
HV62
HV18
HV17
HV33
HV32
HV03
HV02
HV01
48 PIN OUTPUT
64 PIN OUTPUT
SU1
SU2
SU3
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES

TH-42PA50A/H/M, TH-37PA50H/M
SU-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
SU-Board Block Diagram

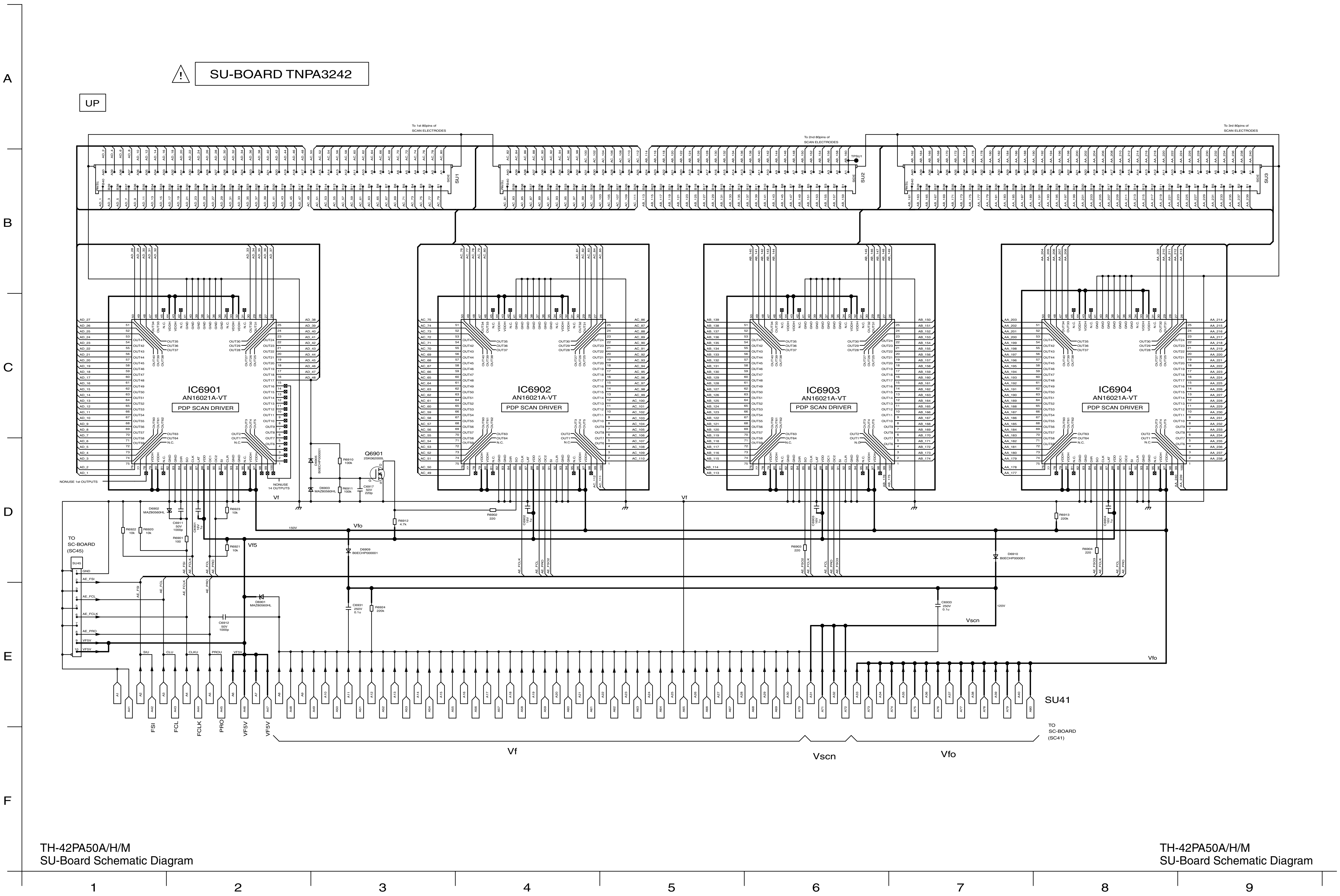
14.55. SU-Board Schematic Diagram (37 inch)


SU-BOARD TNPA3232
UP
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SU1
SU2
SU3
TPSU1
IC6901
AN16021A-VT
PDP SCAN DRIVER
IC6902
AN16021A-VT
PDP SCAN DRIVER
IC6903
AN16021A-VT
PDP SCAN DRIVER
IC6904
AN16021A-VT
PDP SCAN DRIVER
Q6901
2SK3620000L
NONUSE 1st OUTPUTS
NONUSE 14 OUTPUTS
Vf
Vf5
Vfo
130V
D6909
B0ECHP000003
D6910
B0ECHP000003
D6901
MAZ80560HL
D6903
MAZ80560HL
TO SC-BOARD (SC45)
SU45
GND
AE_FSI
AE_PRO
VF5V
Vscn
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
FSI
FCL
FCLK
PRO
VF5V
VF5V
Vf
Vscn
Vfo
SU41
TO SC-BOARD (SC41)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37PA50H/M
SU-Board Schematic Diagram

TH-37PA50H/M
SU-Board Schematic Diagram

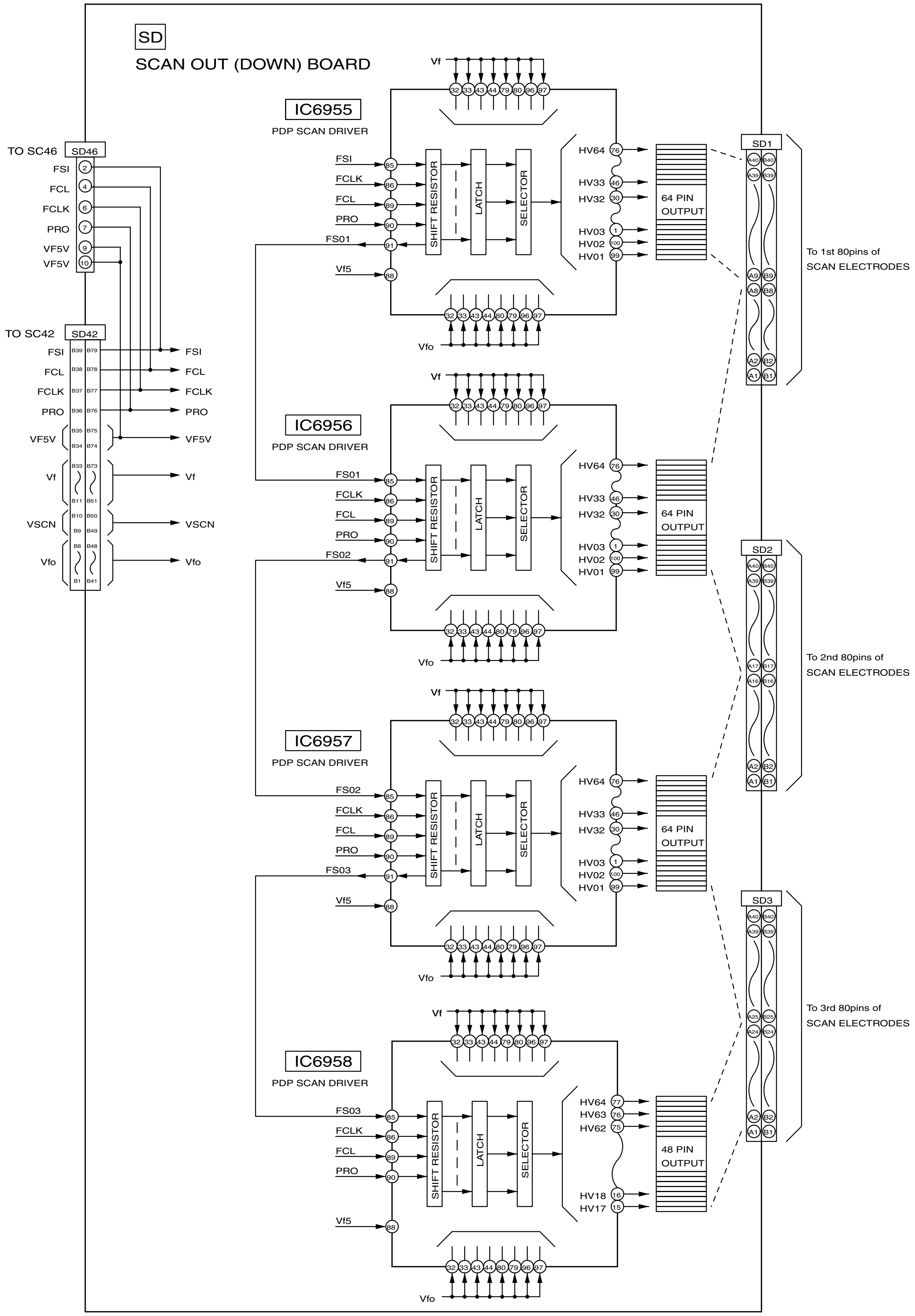
14.56. SU-Board Schematic Diagram (42 inch)


SU-BOARD TNPA3242
UP
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SU1
SU2
SU3
TPSU1
IC6901
AN16021A-VT
PDP SCAN DRIVER
IC6902
AN16021A-VT
PDP SCAN DRIVER
IC6903
AN16021A-VT
PDP SCAN DRIVER
IC6904
AN16021A-VT
PDP SCAN DRIVER
NONUSE 1st OUTPUTS
NONUSE 14 OUTPUTS
Q6901
2SK062000L
D6905 B0ECHP000001
D6903 MAZ80560HL
R6910 100k
R6911 100k
C6917 50V 220p
D6902 MAZ80560HL
C6911 50V 1000p
C6901 16V 1u
R6923 10k
R6922 10k
R6920 10k
R6901 100
R6921 10k
R6912 4.7k
R6902 220
C6902 16V 1u
R6903 220
C6903 16V 1u
R6913 220k
C6904 16V 1u
R6904 220
D6909 B0ECHP000001
D6910 B0ECHP000001
D6901 MAZ80560HL
C6912 50V 1000p
C6931 250V 0.1u
R6924 220k
C6933 250V 0.1u
Vf
Vfo
Vf5
150V
120V
Vscn
TO SC-BOARD (SC45)
SU45
GND
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
SIU
CLU
CLKU
PROU
SU41
TO SC-BOARD (SC41)
FSI
FCL
FCLK
PRO
VF5V
VF5V
Vf
Vscn
Vfo
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

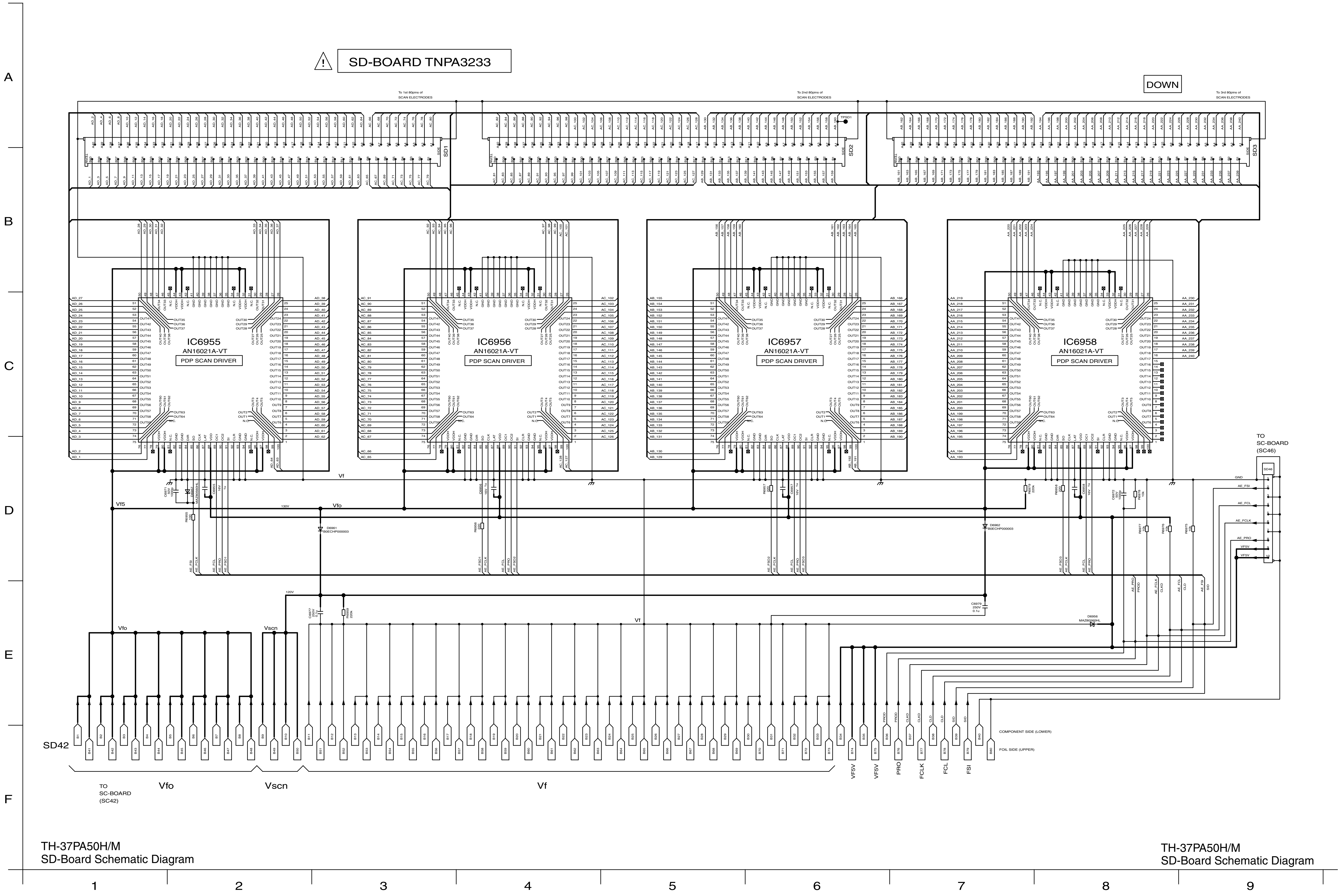
TH-42PA50A/H/M
SU-Board Schematic Diagram

TH-42PA50A/H/M
SU-Board Schematic Diagram

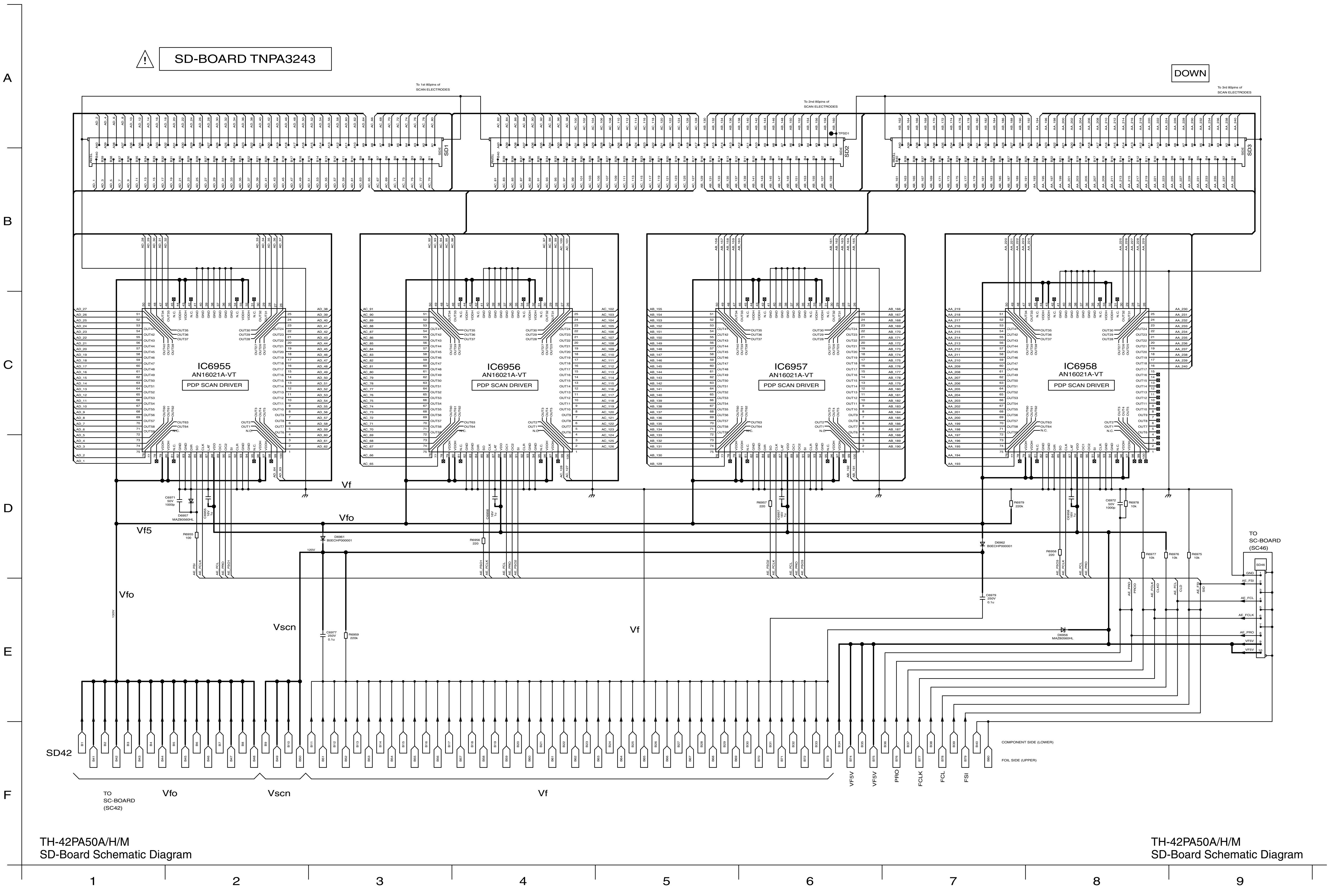
14.57. SD-Board Block Diagram


SD
SCAN OUT (DOWN) BOARD
TO SC46
SD46
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO SC42
SD42
FSI
FCL
FCLK
PRO
VF5V
Vf
VSCN
Vfo
IC6955
PDP SCAN DRIVER
IC6956
PDP SCAN DRIVER
IC6957
PDP SCAN DRIVER
IC6958
PDP SCAN DRIVER
FS01
FS02
FS03
Vf5
SHIFT RESISTOR
LATCH
SELECTOR
HV64
HV63
HV62
HV33
HV32
HV18
HV17
HV03
HV02
HV01
64 PIN OUTPUT
48 PIN OUTPUT
SD1
SD2
SD3
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES

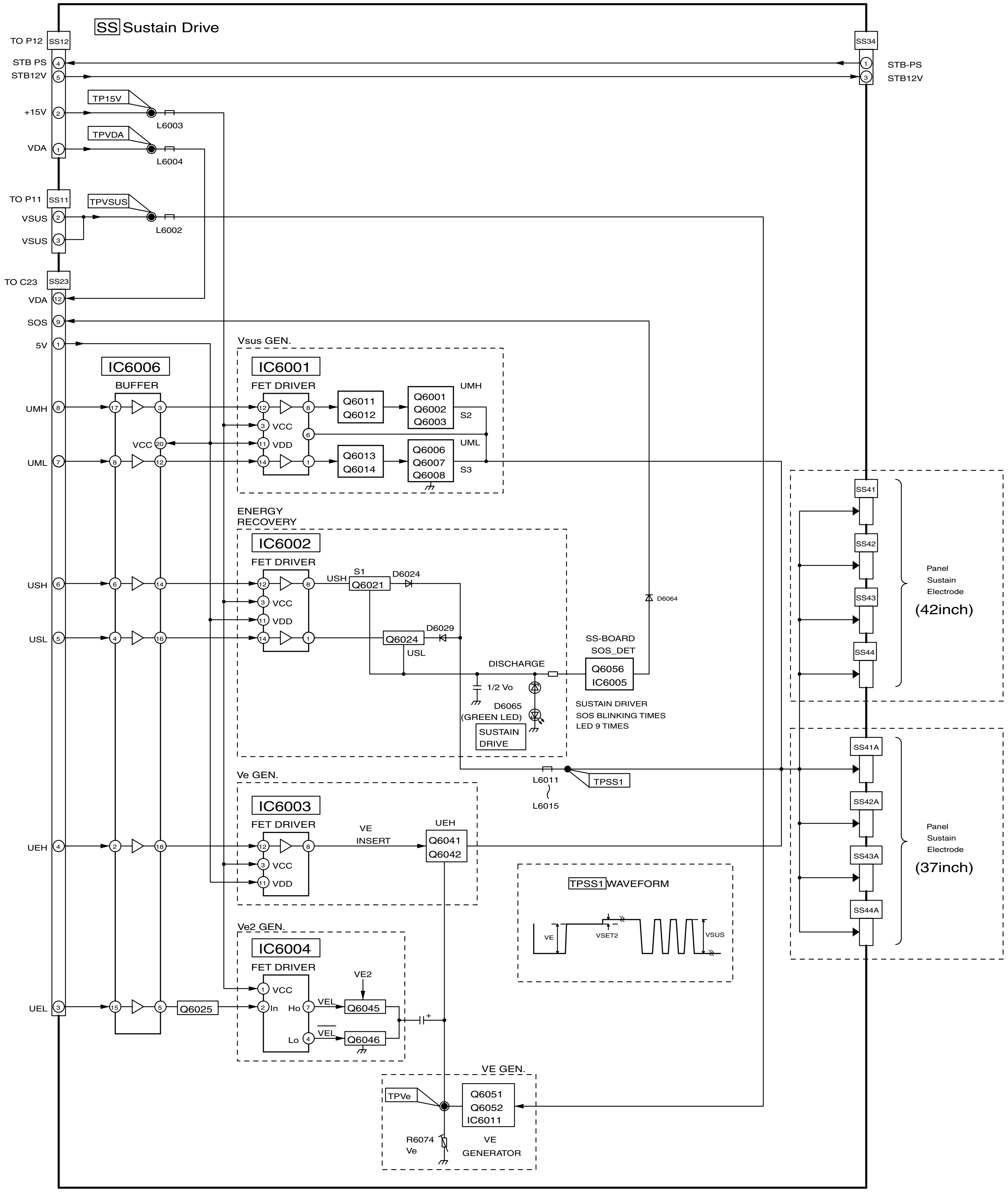
14.58. SD-Board Schematic Diagram (37 inch)


SD-BOARD TNPA3233
DOWN
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SD1
SD2
SD3
TPSD1
IC6955
AN16021A-VT
PDP SCAN DRIVER
IC6956
AN16021A-VT
PDP SCAN DRIVER
IC6957
AN16021A-VT
PDP SCAN DRIVER
IC6958
AN16021A-VT
PDP SCAN DRIVER
Vf
Vf5
Vfo
130V
120V
D6961
B0ECHP000003
D6962
B0ECHP000003
C6979
250V
0.1u
D6956
MAZ80560HL
TO
SC-BOARD
(SC46)
SD46
GND
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
Vscn
SD42
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
TO
SC-BOARD
(SC42)
Vfo
Vscn
Vf
VF5V
VF5V
PRO
FCLK
FCL
FSI
TH-37PA50H/M
SD-Board Schematic Diagram
TH-37PA50H/M
SD-Board Schematic Diagram
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

14.59. SD-Board Schematic Diagram (42 inch)


SD-BOARD TNPA3243
DOWN
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SD1
SD2
SD3
TPSD1
IC6955
AN16021A-VT
PDP SCAN DRIVER
IC6956
AN16021A-VT
PDP SCAN DRIVER
IC6957
AN16021A-VT
PDP SCAN DRIVER
IC6958
AN16021A-VT
PDP SCAN DRIVER
Vf
Vfo
Vf5
Vscn
120V
C6971 50V 1000p
D6957 MAZ80560HL
R6955 100
D6961 B0ECHP000001
R6956 220
R6957 220
D6962 B0ECHP000001
R6979 220k
R6958 220
C6972 50V 1000p
R6978 10k
R6977 10k
R6976 10k
R6975 10k
C6977 250V 0.1u
R6959 220k
C6979 250V 0.1u
D6956 MAZ80560HL
TO SC-BOARD (SC46)
SC46
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
GND
SD42
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
VF5V
VF5V
PRO
FCLK
FCL
FSI
TO SC-BOARD (SC42)
Vfo
Vscn
Vf
TH-42PA50A/H/M
SD-Board Schematic Diagram
TH-42PA50A/H/M
SD-Board Schematic Diagram
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

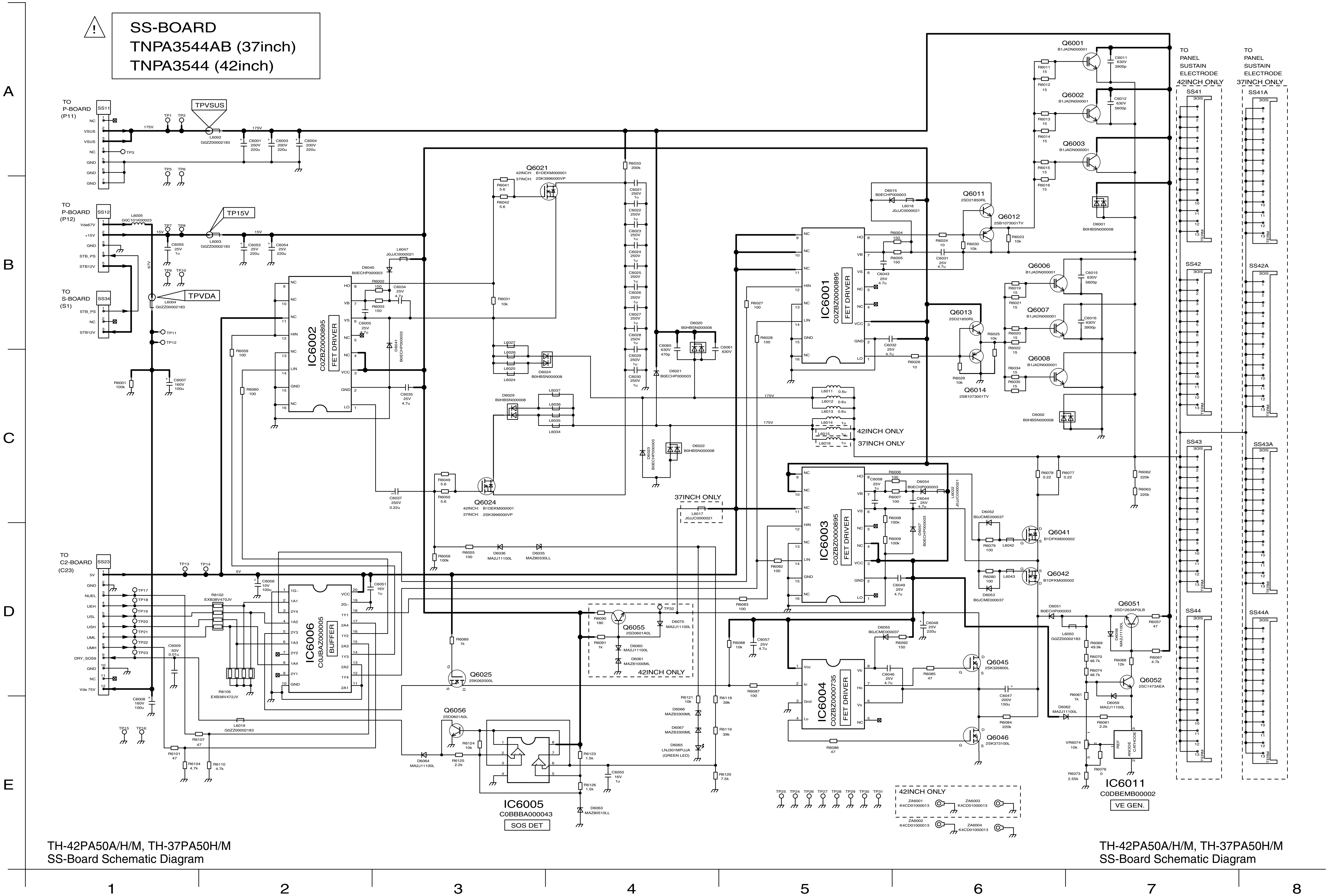
14.60. SS-Board Block Diagram


SS Sustain Drive
TO P12 SS12
STB PS 4
STB12V 5
+15V 2
VDA 1
TP15V
L6003
TPVDA
L6004
TO P11 SS11
VSUS 2
VSUS 3
TPVSUS
L6002
TO C23 SS23
VDA 12
SOS 9
5V 1
SS34
1 STB-PS
3 STB12V
IC6006
BUFFER
VCC
UMH 8
UML 7
USH 6
USL 5
UEH 4
UEL 3
Vsus GEN.
IC6001
FET DRIVER
VCC
VDD
Q6011
Q6012
Q6001
Q6002
Q6003
UMH
S2
UML
Q6013
Q6014
Q6006
Q6007
Q6008
S3
ENERGY RECOVERY
IC6002
FET DRIVER
USH
S1
Q6021
D6024
D6029
Q6024
USL
DISCHARGE
1/2 Vo
D6065
(GREEN LED)
SUSTAIN DRIVE
D6064
SS-BOARD
SOS_DET
Q6056
IC6005
SUSTAIN DRIVER
SOS BLINKING TIMES
LED 9 TIMES
L6011
L6015
TPSS1
Ve GEN.
IC6003
FET DRIVER
VE INSERT
UEH
Q6041
Q6042
TPSS1 WAVEFORM
VE
VSET2
VSUS
Ve2 GEN.
IC6004
FET DRIVER
VE2
VCC
In
Ho
Lo
VEL
Q6045
Q6046
Q6025
VE GEN.
TPVe
Q6051
Q6052
IC6011
R6074
Ve
VE GENERATOR
SS41
SS42
SS43
SS44
Panel Sustain Electrode
(42inch)
SS41A
SS42A
SS43A
SS44A
Panel Sustain Electrode
(37inch)

TH-42PA50A/H/M, TH-37PA50H/M
SS-Board Block Diagram

TH-42PA50A/H/M, TH-37PA50H/M
SS-Board Block Diagram

14.61. SS-Board Schematic Diagram

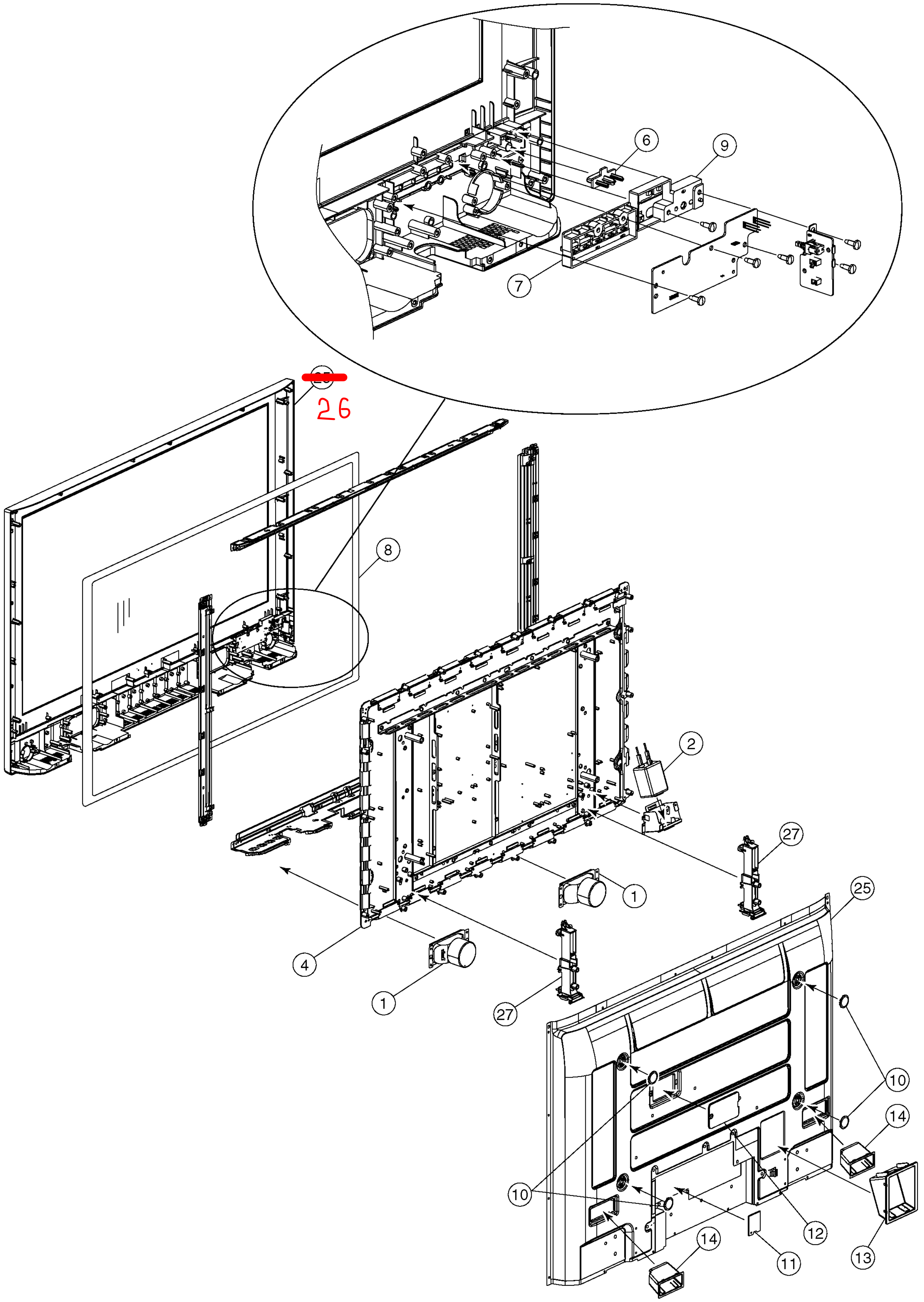

SS-BOARD
TNPA3544AB (37inch)
TNPA3544 (42inch)
A
B
C
D
E
1
2
3
4
5
6
7
8
TO P-BOARD (P11)
SS11
NC
VSUS
VSUS
NC
GND
GND
GND
TP3
TPVSUS
TP1
TP2
TP5
TP6
175V
L6002 G0ZZ00002183
C6001 200V 220u
C6003 200V 220u
C6004 200V 220u
TO P-BOARD (P12)
SS12
Vda67V
+15V
GND
STB_PS
STB12V
L6005 G0C101K00023
15V
TP15V
TP7
TP8
C6055 25V 1u
L6003 G0ZZ00002183
C6053 25V 220u
C6054 25V 220u
TP9
TP10
67V
TO S-BOARD (S1)
SS34
STB_PS
NC
STB12V
L6004 G0ZZ00002183
TPVDA
TP11
TP12
R6001 100k
C6007 160V 100u
IC6002
C0ZBZ0000895
FET DRIVER
R6059 100
R6060 100
D6040 B0ECHP000003
R6002 150
R6003 150
C6034 25V 4.7u
C6005 25V 4.7u
D6041 B0ECHP000003
C6035 25V 4.7u
L6047 J0JJC0000021
R6031 10k
Q6021
42INCH: B1DEKM000001
37INCH: 2SK3996000VP
R6041 5.6
R6042 5.6
R6033 200k
C6021 250V 1u
C6022 250V 1u
C6023 250V 1u
C6024 250V 1u
C6025 250V 1u
C6026 250V 1u
C6027 250V 1u
C6028 250V 1u
C6029 250V 1u
C6030 250V 1u
L6027
L6026
L6025
L6024
D6024 B0HBSN000008
D6029 B0HBSN000008
L6037
L6036
L6035
L6034
D6020 B0HBSN000008
C6060 630V 470p
C6061 630V
D6021 B0ECHP000003
D6022 B0HBSN000008
D6023 B0ECHP000003
C6037 250V 0.22u
R6049 5.6
R6050 5.6
Q6024
42INCH: B1DEKM000001
37INCH: 2SK3996000VP
R6056 100k
R6055 100
D6036 MA2J11100L
D6035 MAZ80330LL
TO C2-BOARD (C23)
SS23
5V
GND
NUEL
UEH
USL
USH
UML
UMH
DRY_SOS9
GND
NC
Vda 75V
TP13
TP14
TP17
TP18
TP19
TP20
TP21
TP22
TP23
R6102 EXB38V470JV
C6056 10V 100u
C6051 16V 1u
C6009 50V 0.01u
C6006 160V 100u
IC6006
C0JBAZ000005
BUFFER
R6105 EXB38V472JV
L6019 G0ZZ00002183
TP15
TP16
R6101 47
R6107 47
R6104 4.7k
R6110 4.7k
R6089 1k
Q6025 2SK0620000L
Q6056 2SD0601A0L
D6064 MA2J11100L
R6124 10k
R6125 2.2k
IC6005
C0BBBA000043
SOS DET
R6123 1.5k
R6126 1.5k
C6050 16V 1u
D6063 MAZ80510LL
R6090 180
R6091 1k
Q6055 2SD0601A0L
TP32
D6070 MA2J11100L
D6060 MA2J11100L
D6061 MAZ81000ML
42INCH ONLY
R6121 10k
R6118 39k
D6066 MAZ83300ML
D6067 MAZ83300ML
R6119 39k
D6065 LNJ301MPUJA (GREEN LED)
R6120 7.5k
R6083 100
R6088 10k
C6057 25V 4.7u
R6087 100
TP25 TP24 TP26 TP27 TP28 TP29 TP30 TP31
ZA6001 K4CD01000013
ZA6002 K4CD01000013
ZA6003 K4CD01000013
ZA6004 K4CD01000013
IC6001
C0ZBZ0000895
FET DRIVER
R6027 100
R6028 100
D6015 B0ECHP000003
L6018 J0JJC0000021
R6004 150
R6005 150
C6043 25V 4.7u
R6024 10
C6031 25V 4.7u
C6032 25V 4.7u
R6026 10
Q6011 2SD2185ORL
Q6012 2SB1073001TV
R6030 10k
R6023 10k
Q6013 2SD2185ORL
Q6014 2SB1073001TV
R6025 10k
R6029 10k
L6011 0.6u
L6012 0.6u
L6013 0.6u
L6014 1u
L6015 1u
L6016 1u
42INCH ONLY
37INCH ONLY
IC6003
C0ZBZ0000895
FET DRIVER
R6006 100
R6007 100
C6058 25V 1u
D6054 B0ECHP000003
C6044 25V 4.7u
R6008 100k
R6009 100k
D6057 B0ECHP000003
L6022 J0JJC0000021
37INCH ONLY
L6017 J0JJC0000021
R6082 100
C6049 25V 4.7u
IC6004
C0ZBZ0000735
FET DRIVER
D6055 B0JCME000037
R6092 150
C6048 25V 220u
C6046 25V 4.7u
R6085 47
R6086 47
Q6045 2SK3268000L
Q6046 2SK3731000L
C6047 200V 150u
R6084 220k
D6052 B0JCME000037
R6079 100
L6042
Q6041 B1DFKM000002
R6080 100
L6043
Q6042 B1DFKM000002
D6053 B0JCME000037
R6078 0.22
R6077 0.22
R6062 220k
R6063 220k
Q6001 B1JADN000001
C6011 630V 3900p
R6011 15
R6012 15
Q6002 B1JADN000001
C6012 630V 5600p
R6013 15
R6014 15
Q6003 B1JADN000001
R6015 15
R6016 15
D6001 B0HBSN000008
Q6006 B1JADN000001
C6015 630V 5600p
R6019 15
R6021 15
Q6007 B1JADN000001
C6016 630V 3900p
R6020 15
R6022 15
Q6008 B1JADN000001
R6034 15
R6035 15
D6002 B0HBSN000008
D6051 B0ECHP000003
L6050 G0ZZ00002183
R6069 49.9k
R6070 48.7k
R6074 48.7k
D6058 MA2J11100L
Q6051 2SD1263AP0LB
R6057 47
R6068 12k
R6067 4.7k
Q6052 2SC1473AEA
R6061 1k
D6062 MA2J11100L
D6059 MA2J11100L
R6081 2.2k
VR6074 10k
R6073 2.55k
R6076 0
IC6011
C0DBEMB00002
VE GEN.
REF
ANODE
CATHODE
TO PANEL SUSTAIN ELECTRODE
42INCH ONLY
37INCH ONLY
SS41
SS41A
SS42
SS42A
SS43
SS43A
SS44
SS44A
TERM

TH-42PA50A/H/M, TH-37PA50H/M
SS-Board Schematic Diagram

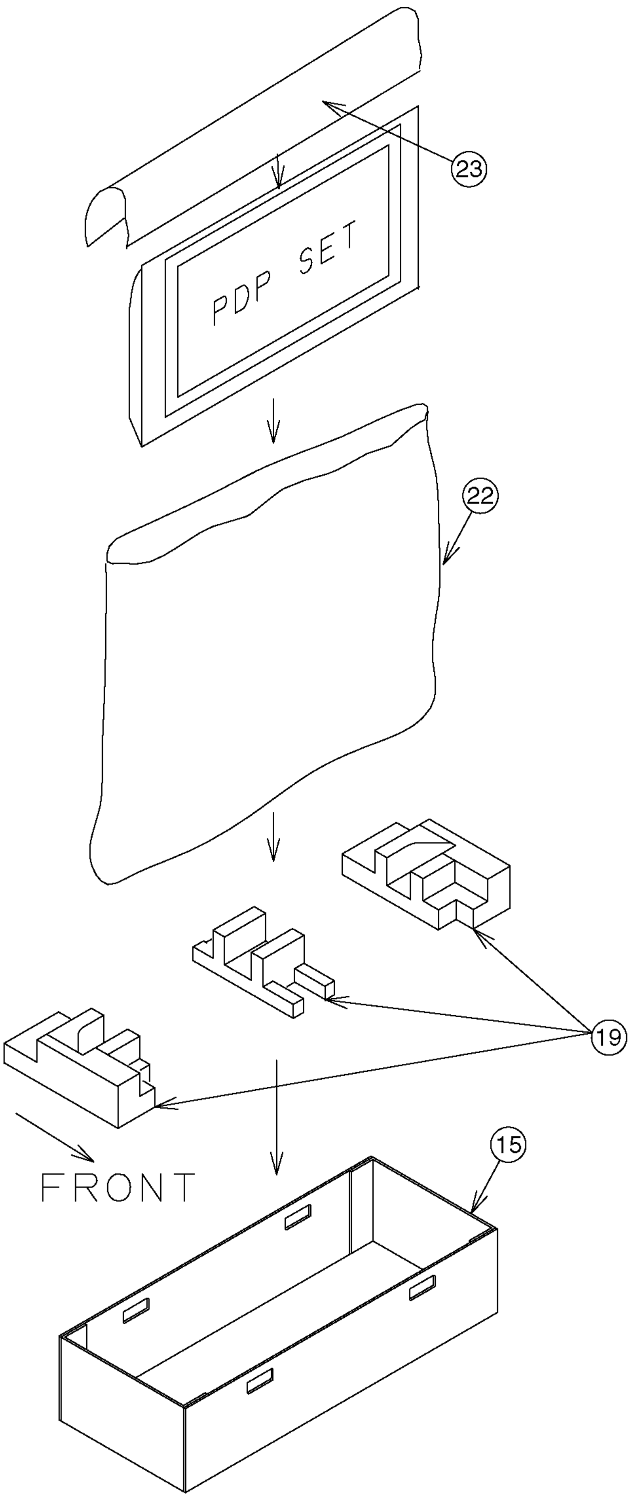
TH-42PA50A/H/M, TH-37PA50H/M
SS-Board Schematic Diagram

15 Parts Location & Mechanical Replacement Parts List

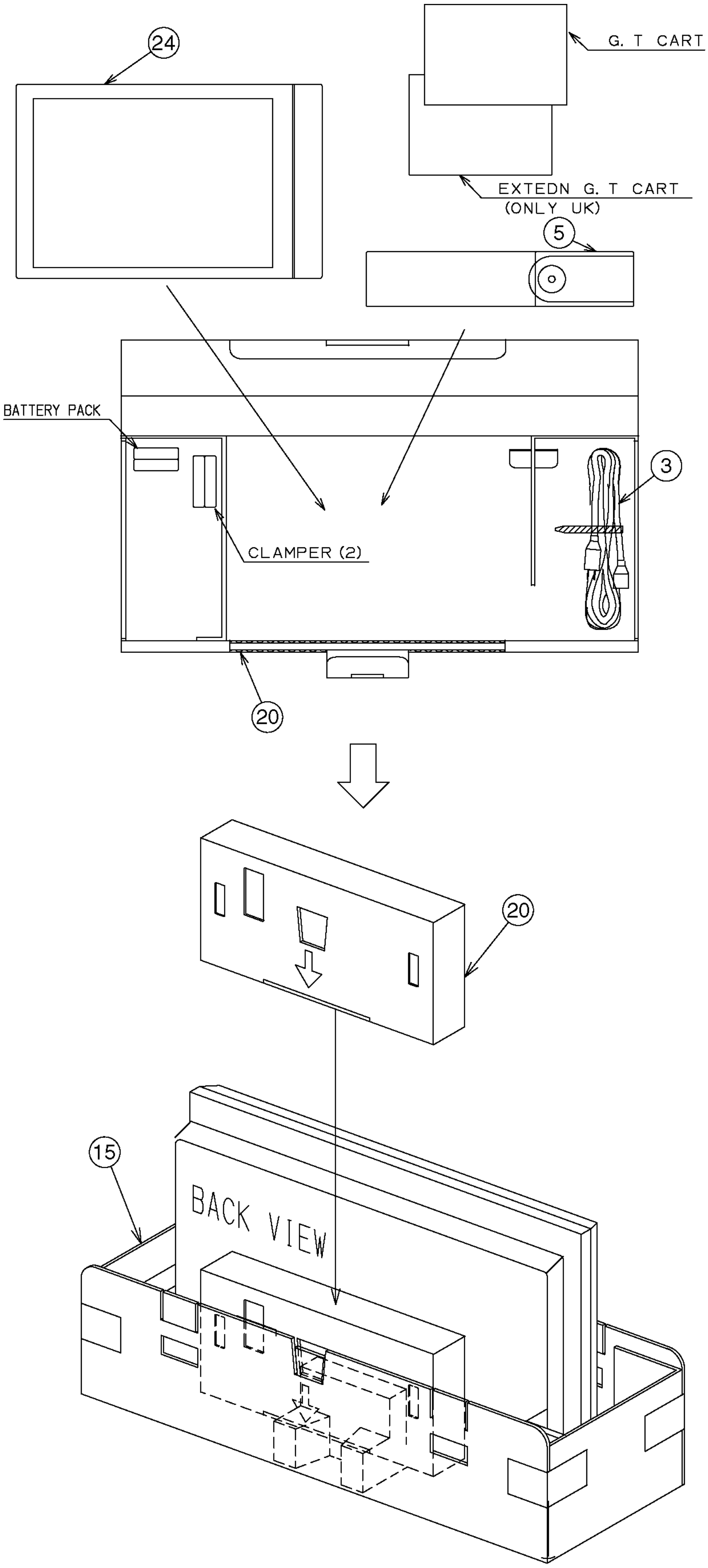
15.1. Parts Location


6
9
7
~~25~~
26
8
2
27
1
25
4
1
27
10
14
10
12
14
11
13

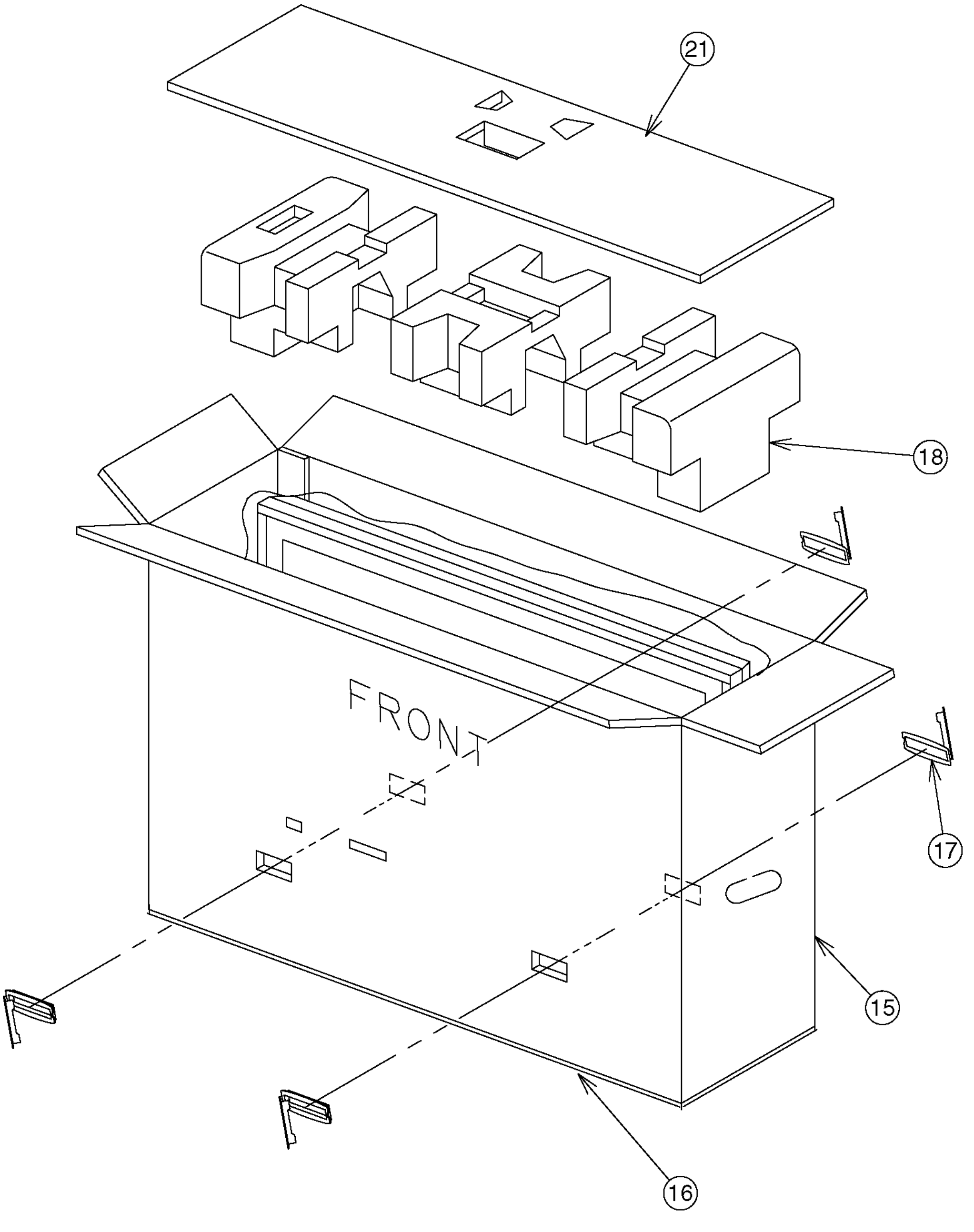
15.2. Packing Exploded Views (1)


23
PDP SET
22
19
FRONT
15

15.3. Packing Exploded Views (2)


24
G. T CART
EXTEDN G. T CART
(ONLY UK)
5
BATTERY PACK
3
CLAMPER (2)
20
20
15
BACK VIEW

15.4. Packing Exploded Views (3)


21
18
FRONT
17
15
16

15.5. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS12S08A	SPEAKER	2	
	J0KD00000095	FLAT CORE	2	
	J0KG00000042	NOISE FILTER	1	TH-42PA50A
	J2ZZ00000036	RF CABLE	1	TH-37/42PA50H/M
	K1LB12A00035	RELAY	1	TH-37PA50H/M
	K1YD55000001	55P CONNECTOR	2	
2	K2AH3H000033	AC-INLET	1	⚠
3	K2CK3DH00029	AC CORD	1	TH-42PA50A ⚠
3	K2CN3DH00006	AC CORD	1	TH-37/42PA50M ⚠
3	K2CN3DH00018	AC CORD	1	TH-37/42PA50H ⚠
4	MD37S08A1J	PLASMA DISPLAY PANEL	1	TH-37PA50H/M ⚠
4	MD42S08A1JS	PLASMA DISPLAY PANEL	1	TH-42PA50A/H/M ⚠
5	N2QAJB000154	REMOTE CONTROL	1	
	TBMA149	PANASONIC BADGE (SILVER)	1	
6	TBXA46302	POWER BUTTON	1	
7	TBXA46402	5KEYS BUTTON	1	
	TES4G204	SPRING	1	
	THEL0239	SCREW	1	
	THEL027N	SCREW	4	
	THEL035N	SCREW	66	TH-37PA50H/M
	THEL035N	SCREW	62	TH-42PA50A/H/M
	THEL0429	SCREW	23	
	THEL0439	SCREW(FLOCK)	4	
	THTA0379	SCREW	2	
8	TKGA5219	FRONT GLASS	1	TH-37PA50H/M
8	TKGA5262	FRONT GLASS	1	TH-42PA50A/H/M
9	TKKC5208	PANEL LIGHT	1	
10	TKKL5231	COVER	4	
11	TKKL5306	ADJUSTMENT COVER(SMALL)	1	
12	TKKL5330	ADJUSTMENT COVER(LARGE)	1	
13	TKPA94301	INLET COVER	1	
14	TKRA34802	B/COVER HANDLE	2	TH-37PA50H/M
	TKRA46201	REAR COVER HANDLE	2	TH-42PA50A/H/M
	TMKG556	SPONGE T/B	2	TH-42PA50A/H/M
	TMKG560	SPONGE T/B	2	TH-37PA50H/M
	TMKG557	SPONGE L/R	2	TH-42PA50A/H/M
	TMKG561	SPONGE L/R	2	TH-37PA50H/M
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	5	
	TMM7464-2	CLAMPER	1	
	TMM7468-1	CLAMPER	1	
	TMME047	CLAMPER	6	
	TMME061	CLAMPER	5	
	TMME190	CLAMPER	2	
	TMME199	CLAMPER	2	
	TMME206	CLAMPER	2	
	TMME226	CLAMPER	1	
15	TPCB77301	CARTON BOX TOP	1	TH-42PA50A ⚠
15	TPCB77302	CARTON BOX TOP	1	TH-42PA50H ⚠
15	TPCB77303	CARTON BOX TOP	1	TH-42PA50M ⚠
15	TPCB77602	CARTON BOX TOP	1	TH-37PA50H ⚠
15	TPCB77603	CARTON BOX TOP	1	TH-37PA50M ⚠
16	TPCB77701	CARTON BOX BOTTOM	1	TH-37PA50H/M
16	TPCB78801	CARTON BOX BOTTOM	1	TH-42PA50A/H/M
17	TPD169487	JOINT	4	
18	TPDA1130	CUSHION TOP	1	
19	TPDA1131	CUSHION BOTTOM	1	
20	TPDF0737	ACCESSORIES BOX	1	
21	TPDF1393	TOP PAD	1	TH-42PA50A/H/M
21	TPDF1394	TOP PAD	1	TH-37PA50H/M
22	TPEH170	PROTECT COVER	1	
23	TPEH273	TOP-PROTECT SHEET	1	
24	TQBC2040	INSTRUCTION BOOK(ENGLISH)	1	TH-42PA50A ⚠
24	TQBC2041	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PA50H ⚠
24	TQBC2042	INSTRUCTION BOOK(CHINESE)	1	TH-37/42PA50H ⚠
24	TQBC2043	INSTRUCTION BOOK(ARABIC)	1	TH-37/42PA50M ⚠
24	TQBC2044	INSTRUCTION BOOK(PERSIAN)	1	TH-37/42PA50M ⚠
	TSXL436	CABLE (DG2-H2)	1	
	TSXL438	CABLE (PA30-H30/DG20-PA20)	2	
	TSXL440	CABLE(D33-C21/D34-C11)	2	
	TSXL460	CABLE (Z50-H50)	1	
25	TTUA1184	REAR COVER	1	TH-42PA50A ⚠
25	TTUA1185	REAR COVER	1	TH-42PA50H ⚠
25	TTUA1186	REAR COVER	1	TH-42PA50M ⚠
26	TTUA1187	REAR COVER	1	TH-37PA50H ⚠
25	TTUA1188	REAR COVER	1	TH-37PA50M ⚠
26	TXFKE01YFSE	ESCUTCHEON ASS’Y	1	TH-42PA50A/H/M ⚠
26	TXFKE01YGSE	ESCUTCHEON ASS’Y	1	TH-37PA50H/M ⚠
27	TXFMZ01YFSUA	STAND BLOCK ASS’Y	2	
	TXJ/SWYFSE	SPEAKER LEAD	2	
	TXJ/Z2YFSE	SPEAKER LEAD(SPWL/SPWR)	1	
	XTB3+10GFJ	SCREW	4	
	XTB4+12GFJ	SCREW	29	TH-37PA50H/M
	XTB4+12GFJ	SCREW	33	TH-42PA50A/H/M
	XTB4+12GFJK	SCREW	1	
	XTB4+15AFJK	SCREW	19	
	XTV3+10JFJK	SCREW	4	
	XWG3F15FJ	WASHER	2	TH-37PA50H/M,TH-42PA50A/H
	XWG3F16FJ	WASHER	2	TH-42PA50M
	XYC4+FJ35FJK	SCREW	8	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	32	
	XYN3+J10FJ	SCREW	1	
	XYN3+J12FJ	SCREW	23	
	XYN3+J8FJ	SCREW ROHS	2	
	XYN4+E8FJ	SCREW(EARTH)	1	
	XYN5+C15FJ	SCREW	8	
	XZBT6506	POLY BAG	1	

16 Electrical Replacement Parts List

16.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal FIlm	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

16.2. Electrical Replacement Parts List (37inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECJ1XC1H221J	C 220PF, J, 50V	1	
C002	ECA1HM100	E 10UF, 50V	1	
C003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C004	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C005	ECJ1XC1H220J	C 22PF, J, 50V	1	
C006	ECA0JM102	E 1000UF, 6.3V	1	
C007	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1XC1H101J	C 100PF, J, 50V	1	
C010,11	ECJ1XC1H330J	C 33PF, J, 50V	2	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1KA04BA0107	4P CONNECTOR	1	
C014	ECJ3YB0J335K	C 33UF, J, 25V	1	
C019	ECJ1XC1H220J	C 22PF, J, 50V	1	
C020	ECA0JM102	E 1000UF, 6.3V	1	
C021	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C022	ECJ1XC1H101J	C 100PF, J, 50V	1	
C22	K1KA04BA0107	4P CONNECTOR	1	
C23	K1KA12AA0153	12P CONNECTOR	1	
C024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C027	ECJ3YB0J335K	C 33UF, J, 25V	1	
C029,30	ECJ1XC1H330J	C 33PF, J, 50V	2	
C036	ECJ1XC1H221J	C 220PF, J, 50V	1	
C037	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C038	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C041-43	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C1100	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1101,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1105,06	ECJ1XB0J105K	C 1UF, K, 16V	2	
C1107	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1108-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1112	EEEHB1C100R	C 10PF, J, 16V	1	
C1113,14	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1115	EEEHB0G101R	C 100PF, J, 4V	1	
C1116	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1117-19	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1120	EEEHB0G101R	C 100PF, J, 4V	1	
C1122	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1123,24	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1125	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C1126	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1127	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1128,29	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1130	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1131	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1132	EEEHB1C100R	C 10PF, J, 16V	1	
C1133,34	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1135	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1136-39	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1140	EEEHB1E330P	C 33PF, J, 25V	1	
C1141	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1150	EEEHB1E330P	C 33PF, J, 25V	1	
C1152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1155	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1170	EEVHP1C100R	E 10UF, 16V	1	
C1171	EEEHB1C470P	C 47PF, J, 16V	1	
C1172	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1174	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1175	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1178	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1181,82	EEEHB0G101R	C 100PF, J, 4V	2	
C1186	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1187	ECJ1XC1H180J	C 18PF, J, 50V	1	
C1188	ECJ1XC1H220J	C 22PF, J, 50V	1	
C1193	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1194	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1195	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1196-98	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1200,01	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1202	EEEHB0G101R	C 100PF, J, 4V	1	
C1203	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1204	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1205,06	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1207	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1208	ECJ1XC1H271J	C 270PF, J, 50V	1	
C1209	EEEHB0G101R	C 100PF, J, 4V	1	
C1211	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1212,13	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1214-16	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1217,18	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1219	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C1220,21	ECJ1XC1H101J	C 100PF, J, 50V	2	
C1222	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1223-25	ECJ1XC1H680J	C 68PF, J, 50V	3	
C2005,06	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2010,11	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2013,14	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2016,17	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2124	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	ECA1HM100	E 10UF, 50V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2143	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, Z, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2159,60	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2164,65	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2172	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	ECA1HM100	E 10UF, 50V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	ECA1HM3R3	E 3.3UF, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	ECA1HM100	E 10UF, 50V	1	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2198	ECA1CMH101	E 100UF, 16V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201,02	ECJ1XC1H050C	C 5PF, C, 50V	2	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2206	ECA1CMH101	E 100UF, 16V	1	
C2207	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2214	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2215	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2300,01	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C2305	ECA1CMH101	E 100UF, 16V	1	
C2306	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2308,09	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2310,11	ECJ3YB1A475K	C 0.047UF, K, 10V	2	
C2314	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C2315	ECA1CHG470	E 47UF, 16V	1	
C2316	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2318	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2319	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2320	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2322	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2323	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2324	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2325	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2327	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2328	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2329-32	ECJ1VB1H332K	C 3300PF, K, 50V	4	
C2358	ECA1CMH101	E 100UF, 16V	1	
C2359	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2374	ECA1HHG100	E 10UF, 50V	1	
C2376-79	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2384-87	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2428,29	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2433,34	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2437,38	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2441,42	ECJ1XC1H221J	C 220PF, J, 50V	2	
C2445,46	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2449,50	ECA1EHG331	E 330UF, 25V	2	
C2453,54	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2457,58	ECJ2FB0J335K	C 3.3UF, K, 16V	2	
C2461,62	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2465,66	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2469,70	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2473,74	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2477,78	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2481-84	ECJ2FB1E224K	C 22UF, K, 25V	4	
C2489,90	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2497,98	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3005	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3015	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021-24	F1J1A1050002	C 1UF, Z, 50V	4	
C3032	ECJ2XB1A105K	C 1UF, K, 10V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035	F1J1A1050002	C 1UF, Z, 50V	1	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3043	F1J1A1050002	C 1UF, Z, 50V	1	
C3044	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3045	F1J1A1050002	C 1UF, Z, 50V	1	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3049,50	F1J1A1050002	C 1UF, Z, 50V	2	
C3054-56	F1J1A1050002	C 1UF, Z, 50V	3	
C3058	ECA1CMH101	E 100UF, 16V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3060	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3066	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3069	ECA1EM471	E 470UF, 25V	1	
C3207	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C3208	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C3212	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3214	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3216	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3217,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
C3226-29	ECJ2FF1A106Z	C 0.001UF, Z, 10V	4	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3235	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3236	ECA1HM100	E 10UF, 50V	1	
C3241-43	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3248	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C3249	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C3250,51	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3252	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C3253-55	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3256	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C3257-61	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C3262-64	ECJ1VB1H472K	C 4700PF, K, 50V	3	
C4001	EEVHB0G221P	E 220UF, 4V	1	
C4002	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4003	EEFCD0G560R	56UF,	1	
C4004	ECJ2YB0J225K	C 2.2UF, K, 6.3V	1	
C4005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4006	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4014,15	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4016	ECJ1XC1H470J	C 47PF, J, 50V	1	
C4018	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4019	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4020	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4023,24	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4025	EEVHB0J470R	E 47UF, 6.3V	1	
C4026	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4027	EEEHB1E330P	C 33PF, J, 25V	1	
C4028,29	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4030	EEEHB1C100R	C 10PF, J, 16V	1	
C4031-33	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4035	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4036	EEVHB0J470R	E 47UF, 6.3V	1	
C4037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4038,39	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4043-45	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4047	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4048	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4049	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4050	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4051	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4052	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4053,54	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4055	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4056	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4057,58	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4059	EEVHB0J470R	E 47UF, 6.3V	1	
C4060	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4061	EEVHB0J470R	E 47UF, 6.3V	1	
C4062	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4063-65	ECJ2VB1C104K	C 0.1UF, K, 16V	3	
C4066	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4072	ECJ2YB0J225K	C 2.2UF, K, 6.3V	1	
C4100-02	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C4103	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4104	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4105	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4106	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4107	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4108	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4115-17	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C4118-20	ECJ1XC1H390J	C 39PF, J, 50V	3	
C4121,22	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4124	EEEHB1A101P	C 100PF, J, 10V	1	
C4126	EEVHB0J470R	E 47UF, 6.3V	1	
C4127	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4128-31	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4132	EEEHB0G101R	C 100PF, J, 4V	1	
C4133	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4135	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4136	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4151	ECJ3YB0J335K	C 33UF, J, 25V	1	
C4152	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4153-56	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C4158-66	ECJ1XC1H102J	C 1000PF, J, 50V	9	
C4167	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4168	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4170-72	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C4176	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4177,78	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C4179	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4180	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4181	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4182	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4233	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4234	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4235	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4301,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4303	EEEHB1E330P	C 33PF, J, 25V	1	
C4306	ECJ1XC1H050C	C 5PF, C, 50V	1	
C4308,09	ECJ1XC1H220J	C 22PF, J, 50V	2	
C4310-13	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4314	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4315-17	ECJ1VF1A105Z	C 1UF, Z, 10V	3	
C4318	EEEHB1E330P	C 33PF, J, 25V	1	
C4341	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4342	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4343	EEVHB0J470R	E 47UF, 6.3V	1	
C4345	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4346	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4348	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4350	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4351,52	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4353	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4354	EEVHB0G221P	E 220UF, 4V	1	
C4355,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4358	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4359-70	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C4371	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4372-74	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4375	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4378	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4379	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4380	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4381	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4382	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4383	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4384-88	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4390,91	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4392,93	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4501	EEVHB0J470R	E 47UF, 6.3V	1	
C4502,03	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4504	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4505	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4506	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4507	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4508	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4509	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4510	ECJ1VB1C105K	C 0.01UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4511	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4512	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4513	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4514	EEVHB0J470R	E 47UF, 6.3V	1	
C4515	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4516-18	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C4519	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4521	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4522-24	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4525	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4526	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4527,28	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4529	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4530-34	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4535	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4536	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4537	EEVHB0J470R	E 47UF, 6.3V	1	
C4538-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	14	
C4552,53	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C4554-56	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4560,61	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4562	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4565-68	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4570-74	ECJ1XC1H102J	C 1000PF, J, 50V	5	
C4575	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4576-81	ECJ1XC1H102J	C 1000PF, J, 50V	6	
C4582	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4583-95	ECJ1XC1H102J	C 1000PF, J, 50V	13	
C4596	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4597	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4598	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4599,00	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4601	EEEHB0J330R	C 33PF, J, 6.3V	1	
C4602	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4605	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4607-10	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4611	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4612	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4613	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4701	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4702	EEFCD0G560R	56UF,	1	
C4703	EEEHB0J220R	C 22PF, J, 6.3V	1	
C4704	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4709	EEVHB0J470R	E 47UF, 6.3V	1	
C4710,11	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4712	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4713	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4714	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4715	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4716	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4717	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4718	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4719-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4723	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4724	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4725	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4726	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4727	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4728	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4729	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4730	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4731	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4732	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4733	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4734	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4735	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4736	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4737	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4855,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4858	EEVHB0G221P	E 220UF, 4V	1	
C4859	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4861	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4863	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4864	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4867,68	ECJ1XC1H101J	C 100PF, J, 50V	2	
C4873	EEVHB0J470R	E 47UF, 6.3V	1	
C4874	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4875,76	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4877	ECJ2XB1A105K	C 1UF, K, 10V	1	
C4878,79	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4880	ECJ2XB1A105K	C 1UF, K, 10V	1	
C4882	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4883	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4892	EEVHB0J470R	E 47UF, 6.3V	1	
C4893	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4898	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4899	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4901	EEEHB1C100R	C 10PF, J, 16V	1	
C4902	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4922	EEVHB0J470R	E 47UF, 6.3V	1	
C4924	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4925	EEEHB1C470P	C 47PF, J, 16V	1	
C4926	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4929	EEEHB1C100R	C 10PF, J, 16V	1	
C4939	EEVHB0G221P	E 220UF, 4V	1	
C4942	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4943	EEEHB1C470P	C 47PF, J, 16V	1	
C4945-48	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4952	ECJ1XC1H101J	C 100PF, J, 50V	1	
C5601	ECA1HM220	E 22UF, 50V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E102	E 1000UF, 25V	1	
C5606	EEUFC1C821	E 820UF, 16V	1	
C5608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	EEUFC1E102	E 1000UF, 25V	1	
C5612	EEUFC1C821	E 820UF, 16V	1	
C5613	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5616	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5617	EEUFC1C821	E 820UF, 16V	1	
C5618,19	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C5622	EEUFC1C821	E 820UF, 16V	1	
C5623	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5626	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C5631	EEUFC1C102	E 1000UF, 16V	1	
C5637	ECJ2VF1C474Z	C 0.47UF, Z, 16V	1	
C5641-44	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C5670	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5672	ECA1HM220	E 22UF, 50V	1	
C5673	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5813	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5818	ECA1CM471	E 470UF, 16V	1	
C5820	ECA1CM102	E 1000UF, 16V	1	
C5821	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C6001-03	F2A2D221A022	E 220UF, 200V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6005	F1L1E4750004	C 4.7UF, 25V	1	
C6007,08	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6011	F1L2J392A022	C 3900UF, K,6.3V	1	
C6012	F1L2J562A022	C 5600UF, K,6.3V	1	
C6016	F1L2J392A022	C 3900UF, K,6.3V	1	
C6017	F1L2J562A022	C 5600UF, K,6.3V	1	
C6021-30	ECQE2105RKB	P 1UF, 250V	10	
C6031,32	F1L1E4750004	C 4.7UF, 25V	2	
C6034,35	F1L1E4750004	C 4.7UF, 25V	2	
C6037	ECQE2224KF	P 2.2UF, K,250V	1	
C6043,44	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050,51	TCUY1C105ZFN	C 1UF, 16V	2	
C6053,54	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060,61	F1K2J471A014	C 470UF, K,6.3V	2	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479,80	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6490	F1K2J332A014	C 3300UF, K,6.3V	1	
C6491,92	F2A2G100A017	E 100UF, 400V	2	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-03	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C6505	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6507	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	F1L1E4750004	C 4.7UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K,6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529,30	F1K2J471A014	C 470UF, K,6.3V	2	
C6531,32	F1L1E4750004	C 4.7UF, 25V	2	
C6533,34	F1K2J471A014	C 470UF, K,6.3V	2	
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543,44	F1K2J102A014	C 1000PF,	2	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6551	ECQE2224KF	P 2.2UF, K,250V	1	
C6571	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6575	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6577	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	F2A2D221A022	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611	F1L2J392A022	C 3900UF, K,6.3V	1	
C6612	F1L2J562A022	C 5600UF, K,6.3V	1	
C6615	F1L2J562A022	C 5600UF, K,6.3V	1	
C6616	F1L2J392A022	C 3900UF, K,6.3V	1	
C6617	F1L2J562A022	C 5600UF, K,6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,32	F1L1E4750004	C 4.7UF, 25V	2	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 2.2UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6659,60	F1K2J471A014	C 470UF, K,6.3V	2	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,12	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,72	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7140	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7186	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7208,09	TCUY1C105ZFN	C 1UF, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7210,11	ECJ1XC1H220J	C 22PF, J, 50V	2	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7222,23	TCUY1C105ZFN	C 1UF, 16V	2	
C7235	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7237	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7239	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7242	TCUY1C105ZFN	C 1UF, 16V	1	
C7253,54	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7282,83	ECJ1XC1H101J	C 100PF, J, 50V	2	
C9000	EEEHB1C470P	C 47PF, J, 16V	1	
C9001	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9004,05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9006	F1J0J1060004	C 0.010UF, K, 16V	1	
C9007	EEEHB1C470P	C 47PF, J, 16V	1	
C9008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9009	F1J0J1060004	C 0.010UF, K, 16V	1	
C9010-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9014	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9015-22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9023	EEEHB1C470P	C 47PF, J, 16V	1	
C9024	ECJ1XC1H271J	C 270PF, J, 50V	1	
C9025	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9026,27	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9028-31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9033	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9035,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9201,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9203	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9204	ECJ1VC1H080C	C 8PF, C, 50V	1	
C9205	F1J0J1060004	C 0.010UF, K, 16V	1	
C9206,07	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304-57	ECJ1XB1C104K	C 0.1UF, Z, 16V	54	
C9358	EEEHB0G221P	C 220PF, J, 4V	1	
C9359	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9360	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9502	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9503-12	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9513	EEEHB1C470P	C 47PF, J, 16V	1	
C9514-17	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9518	EEEHB1C470P	C 47PF, J, 16V	1	
C9519	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9701,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9703	F1J0J1060004	C 0.010UF, K, 16V	1	
C9705,06	F1J0J1060004	C 0.010UF, K, 16V	2	
C9707	EEEHB1C470P	C 47PF, J, 16V	1	
C9712,13	F1J0J1060004	C 0.010UF, K, 16V	2	
C9714,15	ECGRL0G680R	C 68PF, J, 4V	2	
C9716	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9718	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9719,20	ECJ1XC1H102J	C 1000PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9723,24	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C9725	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9727	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9728,29	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9730,31	EEEHB1C470P	C 47PF, J, 16V	2	
C9732	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9733	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9734,35	EEEHB1C470P	C 47PF, J, 16V	2	
C9736	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9739,40	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9741	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9742	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9743,44	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9900,01	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	
D3	K1KA30AA0009	30P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D6	K1KA20A00310	20P CONNECTOR	1	
D8	K1KA08AA0104	8P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D33,34	K1MN55BA0076	55P CONNECTOR	2	
D1151	MA8120M	ZENER DIODE	1	
D1154-61	MA8062MTX	ZENER DIODE	8	
D2011-14	MA111	DIODE	4	
D2104	MA152K	DIODE	1	
D2107-09	MA8140M	ZENER DIODE	3	
D2111	MA8140M	ZENER DIODE	1	
D2116	MA8140M	ZENER DIODE	1	
D2118	MA8140M	ZENER DIODE	1	
D2119	B0BC01100001	ZENER DIODE	1	
D2120	MA152K	DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2315,16	B0JCDD000002	DIODE	2	
D2319,20	B0JCDD000002	DIODE	2	
D2332	MA111	DIODE	1	
D2512	MA8056M	ZENER DIODE	1	
D2513,14	MA152K	DIODE	2	
D2520	B3AAA0000770	LED	1	
D2523	MA152K	DIODE	1	
D2524	MA8056M	ZENER DIODE	1	
D2529	MA8056-M	ZENER DIODE	1	
D3003	MA8140M	ZENER DIODE	1	
D3005,06	MA8140M	ZENER DIODE	2	
D3017	MA8140M	ZENER DIODE	1	
D3021	MA152	DIODE	1	
D3023	MA111	DIODE	1	
D3024	B0BC01100001	ZENER DIODE	1	
D3026	MA111	DIODE	1	
D3034-44	MA8140M	ZENER DIODE	11	
D3100	MA8140M	ZENER DIODE	1	
D3237,38	MA152K	DIODE	2	
D4231	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D5610	MA3X78900L	ZENER DIODE	1	
D5614	B0BC6R600005	ZENER DIODE	1	
D5615	B0BC4R700007	ZENER DIODE	1	
D5616	B0BC6R600005	ZENER DIODE	1	
D5617	B0BC01100001	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3068H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3100H	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5645-47	MA152	DIODE	3	
D6001,02	B0HBSN000008	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6020	B0HBSN000008	DIODE	1	
D6021	B0ECHP000003	DIODE	1	
D6022	B0HBSN000008	DIODE	1	
D6023	B0ECHP000003	DIODE	1	
D6024	B0HBSN000008	DIODE	1	
D6029	B0HBSN000008	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6040,41	B0ECHP000003	DIODE	2	
D6051	B0ECHP000003	DIODE	1	
D6052,53	B0JCME000037	DIODE	2	
D6054	B0ECHP000003	DIODE	1	
D6055	B0JCME000037	DIODE	1	
D6057	B0ECHP000003	DIODE	1	
D6058,59	MA111	DIODE	2	
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066,67	MA8330M	ZENER DIODE	2	
D6451	B0JCME000037	DIODE	1	
D6452,53	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	B0ECHP000003	DIODE	1	
D6459	MA111	DIODE	1	
D6460,61	B0HCKS000002	DIODE	2	
D6462	B0JCME000037	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	B0JCME000037	DIODE	1	
D6465,66	MA8330M	ZENER DIODE	2	
D6467	B0ECHP000003	DIODE	1	
D6468	MA111	DIODE	1	
D6470,71	MA111	DIODE	2	
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6479	MA111	DIODE	1	
D6481,82	MA8330M	ZENER DIODE	2	
D6483-90	MA8056H	ZENER DIODE	8	
D6491,92	B0ECHP000003	DIODE	2	
D6495	B0HCKS000002	DIODE	1	
D6496	B0JCME000037	DIODE	1	
D6501,02	MA111	DIODE	2	
D6503	MA8056H	ZENER DIODE	1	
D6509	MA111	DIODE	1	
D6511	B0HCMM000014	DIODE	1	
D6512-14	MA111	DIODE	3	
D6515	MA8240M	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000002	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA111	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	B0HCMM000014	DIODE	1	
D6527	MA111	DIODE	1	
D6529	B0JCME000037	DIODE	1	
D6541	B0HCKS000002	DIODE	1	
D6542	MA111	DIODE	1	
D6543	B0HCKS000002	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	
D6551	B0JCME000037	DIODE	1	
D6552,53	MA111	DIODE	2	
D6554	B0HCKS000002	DIODE	1	
D6570	B0HCMM000014	DIODE	1	
D6572	B0ECHP000003	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585,86	MA8330M	ZENER DIODE	2	
D6601,02	B0HBSN000008	DIODE	2	
D6615	B0ECHP000003	DIODE	1	
D6620	B0HBSN000008	DIODE	1	
D6621	B0ECHP000003	DIODE	1	
D6622	B0HBSN000008	DIODE	1	
D6623	B0ECHP000003	DIODE	1	
D6624	B0HBSN000008	DIODE	1	
D6629	B0HBSN000008	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6640	B0ECHP000003	DIODE	1	
D6647	B0ECHP000003	DIODE	1	
D6901-03	MA8056H	ZENER DIODE	3	
D6905	B0ECHP000003	DIODE	1	
D6909,10	B0ECHP000003	DIODE	2	
D6956,57	MA8056H	ZENER DIODE	2	
D6961,62	B0ECHP000003	DIODE	2	
D9000-02	MA3033	ZENER DIODE	3	
D9011,12	MA728	DIODE	2	
D9015,16	MA152K	DIODE	2	
D9700,01	MA728	DIODE	2	
D9900,01	MA152K	DIODE	2	
DG2	K1MN40A00024	40P CONNECTOR	1	
DG3	K1KA20B00155	20P CONNECTOR	1	
DG5	K1KA21B00008	21P CONNECTOR	1	
DG20	K1MN30A00068	30P CONNECTOR	1	
DG32	K1KA08AA0150	8P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL1100	J0HABH000012	LC FILTER	1	
FL4016, 17	J0HABH000012	LC FILTER	2	
FL4020-23	J0HABH000012	LC FILTER	4	
FL7106	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9000-04	J0HABH000013	LC FILTER	5	
FL9300-02	J0HABH000013	LC FILTER	3	
FL9701, 02	J0HABH000012	LC FILTER	2	
FL9703, 04	J0HABH000013	LC FILTER	2	
FL9900, 01	J0HABH000013	LC FILTER	2	
H2	K1MN40B00045	40P CONNECTOR	1	
H5,6A	K1KA15AA0288	15P CONNECTOR	2	
H12	K1KA09AA0190	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H30	K1MN30A00068	30P CONNECTOR	1	
H50	K1MN35A00013	35P CONNECTOR	1	
H53	K1KA12AA0178	12P CONNECTOR	1	
HMM1-M4	TMM25401	CLAMPER	4	
IC1103	C0DBEZG00013	IC	1	
IC1104	C2CBYF000032	IC	1	
IC1106	CXA1875AM	LINEAR IC	1	
IC1107	TVRN610	IC	1	TH-37PA50H
IC1107	TVRN776	IC	1	TH-37PA50M
IC1108	C0EBE0000336	IC	1	
IC1109	C0JBBZ000281	IC	1	
IC1110	C0CBCBD00043	IC	1	
IC1114	C3ABPG000133	IC	1	
IC1115	TVRN603-1	IC	1	
IC1117	C0JBAZ002186	IC	1	
IC1235	C0ZBZ0001038	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBB000038	IC	1	
IC2105	AN15861A-VT	IC	1	
IC2106	C1AB00002135	IC	1	
IC2107	C0DBEZE00006	IC	1	
IC2108	C0EBF0000354	IC	1	
IC2300	C1BB00000800	IC	1	
IC2302	NJM2904M	LINEAR IC	1	
IC2305, 06	C1BB00000818	IC	2	
IC3005	AN15866A-VT	IC	1	
IC3006	CXA1315M	LINEAR IC	1	
IC4005	C1AB00002298	IC	1	
IC4008	C0CBCBD00008	IC	1	
IC4009	C0CBCAC00282	IC	1	
IC4011	C0CBCAC00282	IC	1	
IC4012	C1AB00001834	IC	1	
IC4013	C1AB00002202	IC	1	
IC4014	C0JBAZ002186	IC	1	
IC4016	C0FBBD000195	IC	1	
IC4021	C0JBAP000020	IC	1	
IC4024	C0DBZFG00055	IC	1	
IC4025	C0CBCAC00275	IC	1	
IC4041	C0CBCAC00275	IC	1	
IC4042	C0DBEJG00001	IC	1	
IC4044	C0CBCAC00136	IC	1	
IC4048	C0DBEJG00001	IC	1	
IC4049	C0CBCBF00009	IC	1	
IC4051	C1ZBZ0002790	IC	1	
IC4054	C1AB00002234	IC	1	
IC4055	C3ABQJ000040	IC	1	
IC4063	C0EBC0000150	IC	1	
IC5601, 02	N0BF2DE00001	DC-DC CONVERTER	2	
IC5603	C0DBAJB00004	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC5803	C0DAEZH00017	IC	1	
IC6001-03	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0001033	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452, 53	C0CBALC00010	IC	2	
IC6454, 55	C0CBADC00075	IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471, 72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501, 02	C0JBAZ000994	IC	2	
IC6511	C0ZBZ0001033	IC	1	
IC6512	C0CBADC00075	IC	1	
IC6521	C0ZBZ0001033	IC	1	
IC6541, 42	C0ZBZ0001033	IC	2	
IC6543	C0CBADC00075	IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601, 02	C0ZBZ0000895	IC	2	
IC6605, 06	C0JBAZ000005	IC	2	
IC6607	C0JBAA000174	IC	1	
IC6901-04	AN16021A-VT	IC	4	
IC6955-58	AN16021A-VT	IC	4	
IC7101	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-04	C0JBAZ001120	IC	4	
IC9001	TVRN460-1	IC	1	
IC9003	C2CBJG000660	IC	1	
IC9004	C0EBE0000120	IC	1	
IC9005, 06	C0JBAZ000856	IC	2	
IC9007	TVRN462	IC	1	
IC9008	C0DBEJG00001	IC	1	
IC9200	C1ZBZ0002769	IC	1	
IC9300	MN84512-A	IC	1	
IC9301	PST9128NR	IC (LOGIC)	1	
IC9302	C3ABQJ000031	IC	1	
IC9303	TVRN461-1	IC	1	
IC9500	C1ZBZ0002599	IC	1	
IC9502	C0JBAZ000856	IC	1	
IC9504	C0JBAZ000856	IC	1	
IC9700	C0DBEJG00001	IC	1	
IC9702	C0DBAZH00020	IC	1	
JK3100A	TJB0A639	TERMINAL	1	
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS027	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1177	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2003	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2101, 02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2105, 06	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2114, 15	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS2304-11	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2315	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2317-24	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2329-32	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3010-15	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS3022,23	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3028,29	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3202	J0JCC0000241	CHIP INDUCTOR	1	
JS3205	J0JCC0000241	CHIP INDUCTOR	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3208	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3244,45	J0JCC0000241	CHIP INDUCTOR	2	
JS3248	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3265	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3327-37	ERJ3GEY0R00	M 0 OHM, 1/16W	11	
JS3339-45	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
JS3354-57	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS3359	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3366-68	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3401-08	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3422-24	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4004-09	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS4012-14	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4022,23	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4027-30	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS4081	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4084	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4087-92	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS4095,96	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS5602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS5609-12	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5801,02	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS5805-08	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5810-18	ERJ6GEY0R00	M 0 OHM, 1/10W	9	
K1	K1KA12BA0053	12P CONNECTOR	1	
L001	J0JGC0000021	CHIP INDUCTOR COIL	1	
L004,05	J0JHC0000078	CHIP INDUCTOR	2	
L007	EXC3BB221H	BEAD CHOKE	1	
L008-11	J0JCC0000241	CHIP INDUCTOR	4	
L013	J0JCC0000241	CHIP INDUCTOR	1	
L015	J0JGC0000021	CHIP INDUCTOR COIL	1	
L018,19	J0JHC0000078	CHIP INDUCTOR	2	
L021,22	J0JCC0000241	CHIP INDUCTOR	2	
L024	EXC3BB221H	BEAD CHOKE	1	
L025,26	J0JCC0000241	CHIP INDUCTOR	2	
L028	J0JGC0000021	CHIP INDUCTOR COIL	1	
L031	J0JGC0000021	CHIP INDUCTOR COIL	1	
L1009	J0JHC0000078	CHIP INDUCTOR	1	
L1110-14	J0JHC0000078	CHIP INDUCTOR	5	
L1120	J0JHC0000078	CHIP INDUCTOR	1	
L1170	J0JHC0000078	CHIP INDUCTOR	1	
L1172	ELJFA8R2KB	CHIP INDUCTOR	1	
L1174	J0JCC0000241	CHIP INDUCTOR	1	
L1175,76	J0JHC0000078	CHIP INDUCTOR	2	
L2003,04	EXC3BB221H	BEAD CHOKE	2	
L2007,08	EXC3BB221H	BEAD CHOKE	2	
L2011,12	EXC3BB221H	BEAD CHOKE	2	
L2015,16	EXC3BB221H	BEAD CHOKE	2	
L2107,08	J0JCC0000241	CHIP INDUCTOR	2	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2113,14	TSK1032	BEAD CHOKE	2	
L2115,16	J0JCC0000241	CHIP INDUCTOR	2	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2120	J0JCC0000241	CHIP INDUCTOR	1	
L2121	EXCELDR35C	BEAD CHOKE	1	
L2122	TSK1032	BEAD CHOKE	1	
L2123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	J0JCC0000241	CHIP INDUCTOR	1	
L2305,06	G0A100ZA0033	CHOKE COIL	2	
L2312,13	G0A100ZA0033	CHOKE COIL	2	
L2316-19	J0JJC0000011	CHIP INDUCTOR	4	
L3001-03	EXC3BB221H	BEAD CHOKE	3	
L3009	J0JCC0000241	CHIP INDUCTOR	1	
L3010	EXC3BB221H	BEAD CHOKE	1	
L3011	ELJPA100KB	CHIP INDUCTOR	1	
L3013	EXC3BB221H	BEAD CHOKE	1	
L3211	ELJNC15NKB	CHIP COIL	1	
L3212	EXC3BB221H	BEAD CHOKE	1	
L3213	ELJNC15NKB	CHIP COIL	1	
L3214	J0JCC0000364	CHIP INDUCTOR	1	
L3216	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3217	J0JCC0000364	CHIP INDUCTOR	1	
L3219	J0JGC0000021	CHIP INDUCTOR COIL	1	
L4001	J0JHC0000078	CHIP INDUCTOR	1	
L4003,04	J0JHC0000078	CHIP INDUCTOR	2	
L4006-08	J0JHC0000078	CHIP INDUCTOR	3	
L4104	J0JCC0000241	CHIP INDUCTOR	1	
L4105	J0JHC0000078	CHIP INDUCTOR	1	
L4106	J0JCC0000241	CHIP INDUCTOR	1	
L4151	J0JCC0000241	CHIP INDUCTOR	1	
L4231	J0JCC0000241	CHIP INDUCTOR	1	
L4301	J0JHC0000078	CHIP INDUCTOR	1	
L4341-43	J0JHC0000078	CHIP INDUCTOR	3	
L4344	J0JCC0000241	CHIP INDUCTOR	1	
L4345	J0JHC0000078	CHIP INDUCTOR	1	
L4346	TALC168T100K	CHIP INDUCTOR COIL	1	
L4347,48	J0JCC0000241	CHIP INDUCTOR	2	
L4350	J0JHC0000078	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L4501	J0JHC0000078	CHIP INDUCTOR	1	
L4503,04	J0JHC0000078	CHIP INDUCTOR	2	
L4505	J0JCC0000241	CHIP INDUCTOR	1	
L4506	J0JHC0000078	CHIP INDUCTOR	1	
L4508,09	J0JHC0000078	CHIP INDUCTOR	2	
L4510	J0JCC0000241	CHIP INDUCTOR	1	
L4511	J0JHC0000078	CHIP INDUCTOR	1	
L4701	J0JHC0000078	CHIP INDUCTOR	1	
L4751	J0JCC0000241	CHIP INDUCTOR	1	
L4801-03	J0JHC0000078	CHIP INDUCTOR	3	
L4861,62	J0JHC0000078	CHIP INDUCTOR	2	
L4900	J0JHC0000078	CHIP INDUCTOR	1	
L5604	G0A470GA0002	CHOKE COIL	1	
L5605	G1C1R0MA0072	CHOKE COIL	1	
L5606	TALL08N120KA	INDUCTION COIL	1	
L5607	G0C101K00023	PEAKING COIL	1	
L5608	G1C100MA0072	CHOKE COIL	1	
L5609	TALL08N120KA	INDUCTION COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5611	G1A470ZA0007	CHOKE COIL	1	
L5612	G0A220GA0002	CHOKE COIL	1	
L5613,14	G1A470ZA0007	CHOKE COIL	2	
L5615	G0A220GA0002	CHOKE COIL	1	
L5616	G1A470ZA0007	CHOKE COIL	1	
L5808	G0A100GA0013	CHOKE COIL	1	
L5810	G0A100GA0013	CHOKE COIL	1	
L6002-04	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6011-13	G0AR60MA0003	CHOKE COIL	3	
L6014	G0A1R0MA0003	CHOKE COIL	1	
L6016	G0A1R0MA0003	CHOKE COIL	1	
L6017,18	J0JJC0000021	CHIP INDUCTOR	2	
L6019	G0ZZ00002183	PEAKING COIL	1	
L6022	J0JJC0000021	CHIP INDUCTOR	1	
L6024-27	G0ZZ00002183	PEAKING COIL	4	
L6034-37	G0ZZ00002183	PEAKING COIL	4	
L6042,43	J0JJC0000021	CHIP INDUCTOR	2	
L6047	J0JJC0000021	CHIP INDUCTOR	1	
L6050	G0ZZ00002183	PEAKING COIL	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	
L6604,05	G0ZZ00002183	PEAKING COIL	2	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614	G0A1R0MA0003	CHOKE COIL	1	
L6616	G0A1R0MA0003	CHOKE COIL	1	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6647	J0JJC0000021	CHIP INDUCTOR	1	
L9200	G1C150KA0038	INDUCTION COIL	1	
L9500,01	J0JHC0000078	CHIP INDUCTOR	2	
L9700	G1C4R3M00003	CHIP INDUCTOR	1	
L9701	G1C6R8M00009	CHIP INDUCTOR	1	
LL6605	G0ZZ00002183	PEAKING COIL	1	
PA7	K1KA08AA0192	8P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN30A00068	30P CONNECTOR	1	
PA30	K1MN30A00068	30P CONNECTOR	1	
PA5601,02	K5H4022A0023	FUSE	2	
PB5	K1KA11AA0194	11P CONNECTOR	1	
PB7	K1KA08AA0192	8P CONNECTOR	1	
PC6458	B3PBA0000223	IC	1	
PC6467	B3PBA0000223	IC	1	
PC6469	B3PBA0000223	IC	1	
PC6474	B3PBA0000223	IC	1	
PC6480	B3PBA0000223	IC	1	
PC6503	B3PBA0000233	IC	1	
PC6505	B3PBA0000233	IC	1	
PC6507	B3PBA0000233	IC	1	
PC6509,10	B3PBA0000234	IC	2	
PC6517	B3PBA0000223	IC	1	
Q1170	2SA207700L	TRANSISTOR	1	
Q1172	2SD601A	TRANSISTOR	1	
Q1174,75	2SD601A	TRANSISTOR	2	
Q1176	UN5211	TRANSISTOR	1	
Q1177	UN5111	TRANSISTOR	1	
Q1178	UN5211	TRANSISTOR	1	
Q1180	UN5211	TRANSISTOR	1	
Q1182	2SD601A	TRANSISTOR	1	
Q1184	2SD601A	TRANSISTOR	1	
Q1200	2SD601A	TRANSISTOR	1	
Q2001,02	2SD601A	TRANSISTOR	2	
Q2011	2SB709A	TRANSISTOR	1	
Q2012	2SD601A	TRANSISTOR	1	
Q2013	2SB709A	TRANSISTOR	1	
Q2102-05	2SB709A	TRANSISTOR	4	
Q2300	2SC584500L	TRANSISTOR	1	
Q2301	2SD601A	TRANSISTOR	1	
Q2302	2SC584500L	TRANSISTOR	1	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2323	2SA207700L	TRANSISTOR	1	
Q2324	2SC584500L	TRANSISTOR	1	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2519	2SB709A	TRANSISTOR	1	
Q3002	2SB709A	TRANSISTOR	1	
Q3008	2SB709A	TRANSISTOR	1	
Q3009	2SD601A	TRANSISTOR	1	
Q3010-15	2SB709A	TRANSISTOR	6	
Q3017,18	2SB709A	TRANSISTOR	2	
Q3024	2SB709A	TRANSISTOR	1	
Q3204-07	2SD601A	TRANSISTOR	4	
Q3208-11	2SB709A	TRANSISTOR	4	
Q4006	2SD601A	TRANSISTOR	1	
Q4010-12	2SD601A	TRANSISTOR	3	
Q4013	2SA207700L	TRANSISTOR	1	
Q4015	2SB1218ARL	TRANSISTOR	1	
Q4016	2SA207700L	TRANSISTOR	1	
Q4068	2SD601A	TRANSISTOR	1	
Q4101	2SD601A	TRANSISTOR	1	
Q4103,04	2SD601A	TRANSISTOR	2	
Q4106,07	2SD601A	TRANSISTOR	2	
Q4109-12	2SD601A	TRANSISTOR	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q4301-03	2SD601A	TRANSISTOR	3	
Q4306-08	2SA207700L	TRANSISTOR	3	
Q4309	2SD1030	TRANSISTOR	1	
Q4310,11	2SD601A	TRANSISTOR	2	
Q4900	2SD601A	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SC584500L	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SC584500L	TRANSISTOR	2	
Q5606	B1DHDC000028	TRANSISTOR	1	
Q5607	2SC584500L	TRANSISTOR	1	
Q5613	2SC584500L	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SC584500L	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6006-08	B1JADN000001	TRANSISTOR	3	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021	2SK3996000VP	FET	1	
Q6024	2SK3996000VP	FET	1	
Q6025	2SK620	FET	1	
Q6041,42	2SK373100L	FET	2	
Q6045	2SK326800L	FET	1	
Q6046	2SK373100L	FET	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6056	2SD601A	TRANSISTOR	1	
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ000004	TRANSISTOR	1	
Q6462	2SB0709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ000004	TRANSISTOR	1	
Q6472	2SB0709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,12	B1DFGL000008	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES000002	TRANSISTOR	1	
Q6522-28	2SK400000L	FET	7	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK399500L	FET	1	
Q6544-46	2SK399500L	FET	3	
Q6548	2SK399500L	FET	1	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DEET000002	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000002	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6583,84	2SK620	FET	2	
Q6601-03	B1JADN000001	TRANSISTOR	3	
Q6606-08	B1JADN000001	TRANSISTOR	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	2SK3996000VP	FET	1	
Q6624	2SK3996000VP	FET	1	
Q6901	2SK620	FET	1	
Q9000,01	2SD601A	TRANSISTOR	2	
Q9003	B1DHCC000034	TRANSISTOR	1	
Q9004	2SB709A	TRANSISTOR	1	
Q9008,09	2SK2731T146	FET	2	
Q9010,11	2SD601A	TRANSISTOR	2	
Q9012,13	2SK2731T146	FET	2	
Q9020-23	2SD601A	TRANSISTOR	4	
Q9500	2SK2731T146	FET	1	
Q9700	2SD601A	TRANSISTOR	1	
Q9701,02	B1MBCDA00002	TRANSISTOR	2	
Q9703,04	2SD601A	TRANSISTOR	2	
Q9900,01	2SD601A	TRANSISTOR	2	
R001,02	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R011,12	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R013,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1110,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1115	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1123	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1125	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1127	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1134	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1146	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1149	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R1168	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1170	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1171	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R1172	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1173	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1175	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R1177	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1178	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1180	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1185	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1186	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R1187	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1188	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R1189	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1190-97	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R1199	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1200	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1202-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R1206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1208,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1212	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1213	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1214	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1215	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1216	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1219	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1221	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1222	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1224-26	ERJ3GEYJ683	M 68KOHM,J,1/16W	3	
R1227	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1228	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1229	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1231	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1232	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R1233	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R1234	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1235	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1237	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1240	EXB2HV680J	RESISTOR ARRAY	1	
R1242,43	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1244	EXB38V680J	RESISTOR ARRAY	1	
R1249	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1250	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1251	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1253	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1255	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1258	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1263	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1266	EXB2HV680J	RESISTOR ARRAY	1	
R1267	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R1268	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1269	EXB2HV680J	RESISTOR ARRAY	1	
R1270	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R1271	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1272,73	D1HG5608A002	NETWORK RESISTER	2	
R1274	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1275	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1277	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1280,81	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1283	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R1284	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1285,86	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R1287	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1288	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R1289,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1291-94	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R1295	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1297	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1301	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1302	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1303	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1305	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1306	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1307	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1308,09	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R1311	ERJ3GEYJ201	M 200 OHM,J,1/16W	1	
R1313	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1316,17	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1320	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1321	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1322	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1323,24	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1326,27	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1329	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1330,31	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R1332,33	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1334	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1336,37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1338	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1339-41	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1342	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1343,44	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1345,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1347,48	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R1351	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1355	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1359,60	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R1361	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1365,66	EXB2HV680J	RESISTOR ARRAY	2	
R1372-74	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R1380,81	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R1384	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1389	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R1390	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2047	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2124,25	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2130,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2147	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2148,49	ERJ3GEYJ273	M 27KOHM,J,1/16W	2	
R2151	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2152	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2172,73	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2180	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R2182,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2195,96	J0JCC0000241	CHIP INDUCTOR	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2198	ERJ6ENF1781	M1.78KOHM, 1/10W	1	
R2200	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2201	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R2202	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2308,09	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	2	
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	
R2311	ERJ12YJ821	M 820 OHM,J, 1/2W	1	
R2312,13	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2314,15	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2320	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2321	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2322	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2323	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2324	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2325	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2326	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2328	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2329	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2330	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2331	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2332	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2335	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2336	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2337	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2339	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2342,43	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2344	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2345,46	ERJ3GEYJ563	M 56KOHM,J,1/16W	2	
R2377,78	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2381,82	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2394	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2395,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2397,98	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2414	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2437,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2444,45	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2448,49	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2450	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2451,52	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2453	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2460	ERJ6ENF1373	M 137KOHM, 1/10W	1	
R2461	ERJ6ENF1103	M 110KOHM, 1/10W	1	
R2464,65	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2468,69	ERJ6GEYJ112	M 1.1KOHM,J,1/10W	2	
R2488,89	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	
R2499	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2516	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2524	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2525	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R2526	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2542	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2545	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2550	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2553	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2557	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R3001-10	ERJ6ENF75R0	M 75 OHM, 1/10W	10	
R3012	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3020	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3021,22	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3027	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3039	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3047	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3048	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3049-51	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R3053	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3054	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3055	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3064	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3065	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3067	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3069	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3071	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3074,75	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3086	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3087	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3089,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094,95	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3099-02	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3115-18	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R3119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3121	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3122	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3124	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3128	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3129	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3130	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3131	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3132	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R3133	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3134	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3135	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3138	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3142	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3152,53	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R3158	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3159	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3164	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R3166,67	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3206	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3213-22	ERJ3GEY0R00	M 0 OHM, 1/16W	10	
R3224-29	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3237	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3238-45	ERJ3GEYJ103	M 10KOHM,J,1/16W	8	
R3246	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3247	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3249	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3250,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3252,53	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3254	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3255	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3257	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3258-64	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3401-07	ERJ6GEY0R00	M 0 OHM, 1/10W	7	
R3408,09	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3750	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R3751	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3752	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3753	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3754	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R4001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4009	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4014	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4016,17	ERJ3EKF5760	M 576 OHM, 1/16W	2	
R4027	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4029,30	ERJ3EKF1581	M1.58KOHM, 1/10W	2	
R4031	ERJ3EKF4220	M 422 OHM, 1/10W	1	
R4033	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4035,36	ERJ3EKF3001	M 3KOHM, 1/16W	2	
R4037	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4039	ERJ3EKF4220	M 422 OHM, 1/10W	1	
R4041	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4043,44	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4045	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4046	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4047	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4049	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4050	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4051,52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4053	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4054	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4055	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4056,57	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4059	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4060	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4062	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4064	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4068	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4069-72	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R4075	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4076,77	EXB38V220J	RESISTOR ARRAY	2	
R4078	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4079-81	EXB38V220J	RESISTOR ARRAY	3	
R4082-84	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4086-88	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4091-95	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4100	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4101	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4102	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4103	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4104	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4106	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4107-09	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4110	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4111	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4112	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4113	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4114	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4115	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4117	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4120	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4123	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4125-27	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R4128	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4132	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4134-36	TAJAAH0680JV	M 68 OHM,J,1/16W	3	
R4137-39	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4140	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4143	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4144-46	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R4147-49	ERJ3GEYJ153	M 15KOHM,J,1/16W	3	
R4150	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4151,52	ERJ3EKF2200	M 220 OHM, 1/16W	2	
R4153	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4155	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4157,58	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4159	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4160	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4161	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4163	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4165	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4167	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4169	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R4174,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4177	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4182	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4184	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4186	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4194-97	TAJAAH0680JV	M 68 OHM,J,1/16W	4	
R4199	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4203	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4204	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4207	ERJ3EKF1500	M 150 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4208	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4209	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R4210	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4228	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4236-38	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4244	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4249	EXB38V680J	RESISTOR ARRAY	1	
R4253	EXB38V680J	RESISTOR ARRAY	1	
R4255	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4259	EXB38V680J	RESISTOR ARRAY	1	
R4301	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4303	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4305	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4307	ERJ6GEYJ361	M 360 OHM,J,1/10W	1	
R4308,09	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R4315	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R4318,19	ERJ3EKF4700	M 470 OHM, 1/16W	2	
R4320,21	ERJ3EKF3601	M 3.6KOHM, 1/16W	2	
R4325	ERJ3EKF1331	M13.3KOHM, 1/16W	1	
R4326,27	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4328	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4329-31	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4332	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4333	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4334,35	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4336-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4342-44	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4345	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4346-48	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4349	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4350	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4351-53	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4354	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4355-59	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4360	ERJ3GEYJ911	M 910 OHM,J,1/16W	1	
R4361,62	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4363	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4364,65	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4367	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4368,69	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R4370	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4372	D1HG5608A002	NETWORK RESISTER	1	
R4373,74	EXB38V560J	RESISTOR ARRAY	2	
R4379,80	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4381-83	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R4501	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4502	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4503	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R4504	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R4505	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4506	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4508,09	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4510-14	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4515,16	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4518,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4520,21	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4522	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R4523,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4526	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4527	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R4528	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4531,32	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R4533	ERJ3EKF9100	M 910 OHM, 1/16W	1	
R4534,35	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4575,76	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4577,78	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R4583-03	TAJAAH0680JV	M 68 OHM,J,1/16W	21	
R4604-06	EXB38V680J	RESISTOR ARRAY	3	
R4609	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4610-13	TAJAAH0680JV	M 68 OHM,J,1/16W	4	
R4614-17	EXB2HV680J	RESISTOR ARRAY	4	
R4618	EXB38V680J	RESISTOR ARRAY	1	
R4619	EXB2HV680J	RESISTOR ARRAY	1	
R4620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4659	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4661	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4662,63	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4664	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4671	EXB38V680J	RESISTOR ARRAY	1	
R4672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4701,02	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4704,05	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4706-10	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4756-58	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4759	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4760	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4762	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4763	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4766	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4768	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4769	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4802	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4805	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4807,08	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R4810	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4821-23	EXB38VR000	RESISTOR ARRAY	3	
R4834	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4851	ERJ3GEYJ821	M 820 OHM,J,1/16W	1	
R4884	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4887,88	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4897,98	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4920,21	J0JCC0000241	CHIP INDUCTOR	2	
R4922-26	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4927	J0JCC0000241	CHIP INDUCTOR	1	
R4928-34	ERJ3GEY0R00	M 0 OHM, 1/16W	7	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4936-42	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R4943	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4944,45	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4946	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4947	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4948,49	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4950	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4951	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4952	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4954,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5601	ERJ6ENF4532	M4.53KOHM, 1/10W	1	
R5603	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R5605	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R5606	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5607	ERJ6ENF1871	M1.87KOHM, 1/10W	1	
R5609	ERJ6ENF1871	M1.87KOHM, 1/10W	1	
R5610	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1652	M16.5KOHM, 1/10W	1	
R5615,16	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R5617,18	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R5621	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5623,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R5625-27	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	3	
R5630	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5632	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5633	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5634	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5635	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5636	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5637,38	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5639	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5640	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5641	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5642	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5643	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R5644	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5645,46	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R5647	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5648	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R5649	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R5650	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5652	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5653-56	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R5657,58	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R5660	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5662	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5670	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5675	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5680	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5692	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5693	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R5694,95	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5696	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R5815	ERJ6ENF3900	M 390 OHM, 1/10W	1	
R5819	ERJ6ENF2941	M2.94KOHM, 1/10W	1	
R5820	ERX3FJSR22D	M 2.2 OHM, J, 3W	1	
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6011-16	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6019-22	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6034,35	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6041,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6049,50	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6061	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6062,63	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6088	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6092	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6102	EXB38V470J	RESISTOR ARRAY	1	
R6104	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6105	EXB38V472J	RESISTOR ARRAY	1	
R6107	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6110	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6439,40	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6451	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6452	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6453	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J,1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M2.55KOHM, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERG3FNJS8R2E	M 8.2 OHM, J, 3W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6483	ERJ14YJ752	M 75KOHM, J,1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6491	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6492	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6493	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6495,96	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6524	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529-36	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6544-46	ERJ6GEYJ100	M 10 OHM,J,1/10W	3	
R6548	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6550	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6552,53	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6594	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6595	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6598	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611-14	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6635-38	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6641,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6643,44	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6649	EXB38V680J	RESISTOR ARRAY	1	
R6653	EXB38V680J	RESISTOR ARRAY	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	EXB38V472J	RESISTOR ARRAY	1	
R6664	EXB38V470J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	EXB38V472J	RESISTOR ARRAY	1	
R6670	EXB38V470J	RESISTOR ARRAY	1	
R6675	EXB38V472J	RESISTOR ARRAY	1	
R6676	EXB38V470J	RESISTOR ARRAY	1	
R6683	EXB38V470J	RESISTOR ARRAY	1	
R6686	EXB38V472J	RESISTOR ARRAY	1	
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7104	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7105	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7121-23	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7132-35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142-46	EXB38V470J	RESISTOR ARRAY	5	
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7194	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7196,97	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7204	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7218-21	ERJ8GEY0R00	M 0 OHM, 1/8W	4	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V470J	RESISTOR ARRAY	2	
R7243-46	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7247	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7248	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7249,50	EXB38V470J	RESISTOR ARRAY	2	
R7251-53	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7254	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7255	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7257,58	EXB38V470J	RESISTOR ARRAY	2	
R7259-65	ERJ6GEY0R00	M 0 OHM, 1/10W	7	
R7289,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7296,97	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7298,99	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9002	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9004-06	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9007	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9009	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9010	EXB2HV272JV	RESISTOR ARRAY	1	
R9012	EXB2HV272JV	RESISTOR ARRAY	1	
R9013	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9015-18	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9020,21	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9022	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9023	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9024	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9026	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9028	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9029,30	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9031,32	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9033,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9035,36	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9039	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9040	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9041	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9042	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9043,44	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9047-50	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9052	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9053	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9054,55	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9056,57	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9058,59	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9060-67	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9068-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R9073	EXB2HV470JV	RESISTOR ARRAY	1	
R9074	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9075	EXB2HV470JV	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9076	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9077-79	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9080	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9081	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9082-89	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9090	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9091,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9093	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9094	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9095-98	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9102-04	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9105	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107-09	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9110	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9111,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9113	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9114-16	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9117,18	EXB38VR000	RESISTOR ARRAY	2	
R9119	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9120,21	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9122-24	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9125,26	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9127,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9130	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134-36	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9137	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9140-42	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9145-47	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9160,61	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9162,63	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9164,65	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9200-02	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9204	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9205	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9208	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9210	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9212	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9300-04	D1HG33080001	NETWORK RESISTER	5	
R9305	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9306,07	D1HG33080001	NETWORK RESISTER	2	
R9308	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9309	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9313-16	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9318,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9321	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9322	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9323	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9324-28	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9329	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9330-33	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9335,36	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9337	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R9338	ERJ6ENF1401	M 1.4KOHM, 1/10W	1	
R9339-42	ERJ6ENF1001	M 1KOHM, 1/10W	4	
R9500-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9505-10	TAJAAH0101JV	M 100 OHM,J,1/16W	6	
R9511	EXB2HV272JV	RESISTOR ARRAY	1	
R9512	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9513	EXB2HV272JV	RESISTOR ARRAY	1	
R9515	EXB2HV272JV	RESISTOR ARRAY	1	
R9516,17	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9518	EXB2HV470JV	RESISTOR ARRAY	1	
R9519-21	EXB38V470J	RESISTOR ARRAY	3	
R9522,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9524-26	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9527	EXB38V470J	RESISTOR ARRAY	1	
R9528,29	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9531	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9533,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9536	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R9537,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9540	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9544	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9547	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9700	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9702-04	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9706,07	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9708	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9709	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9714	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9716,17	ERJL14KJ33M	M 33 OHM, J,1/4W	2	
R9718	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9719	ERJ6ENF1742	M17.4KOHM, 1/10W	1	
R9720	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
R9721	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9722,23	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9724	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9725	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9726,27	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9728,29	ERJ6ENF2002	M 20KOHM, 1/10W	2	
R9738,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9740-42	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R9824	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9830	EXB2HV470JV	RESISTOR ARRAY	1	
R9900	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9901	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9902	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9904	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9905	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9906	EXB2HV470JV	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9908,09	EXB38V470J	RESISTOR ARRAY	2	
R9910,11	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9912	EXB2HV470JV	RESISTOR ARRAY	1	
R9913	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9914	EXB38V470J	RESISTOR ARRAY	1	
R9915,16	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9917-19	EXB2HV470JV	RESISTOR ARRAY	3	
R9922	EXB2HV470JV	RESISTOR ARRAY	1	
R9923	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2510	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA3523AE	CIRCUIT BOARD H	1	⚠
RTL	TNPA3620AB	CIRCUIT BOARD PA	1	⚠
RTL	TNPA3621AE	CIRCUIT BOARD Z	1	⚠
RTL	TNPA3519AK	CIRCUIT BOARD DG	1	TH-37PA50H ⚠
RTL	TZTNP01YFSM	CIRCUIT BOARD DG	1	TH-37PA50M ⚠
RTL	TNPA3524	CIRCUIT BOARD TB	1	⚠
RTL	TNPA3541	CIRCUIT BOARD C1	1	⚠
RTL	TNPA3542	CIRCUIT BOARD C2	1	⚠
RTL	TZTNP010YFS	CIRCUIT BOARD D	1	⚠
RTL	TNPA3570	CIRCUIT BOARD P	1	⚠
RTL	TNPA3643AB	CIRCUIT BOARD PB	1	⚠
RTL	TNPA3543AB	CIRCUIT BOARD SC	1	⚠
RTL	TNPA3233	CIRCUIT BOARD SD	1	⚠
RTL	TNPA3544AB	CIRCUIT BOARD SS	1	⚠
RTL	TNPA3232	CIRCUIT BOARD SU	1	⚠
RTL	TXN/K1YFSA	CIRCUIT BOARD K	1	⚠
RTL	TNPA3604AB	CIRCUIT BOARD S	1	⚠
S1	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA05AA0192	5P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41A-4A	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3751-55	EVQ11G05R	SWITCH	5	
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
TB5,B6	K1KB15B00013	15P CONNECTOR	2	
TU001	ENGF9301GF	TUNER	1	⚠
TU002	ENG39A01GF	TUNER	1	⚠
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X1101	H0J600400006	CRYSTAL	1	
X2101	TSSA128	CRYSTAL	1	
X4001	H0J202500016	CRYSTAL	1	
X4002	H0J270500087	CRYSTAL	1	
X9000	H2D2705A0004	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
Z2	K1KA05AA0192	5P CONNECTOR	1	
Z50	K1MN35A00013	35P CONNECTOR	1	
ZA5601-04	K9ZZ00000424	CONNECTOR	4	
ZA5801-04	K9ZZ00000424	CONNECTOR	4	
ZA6002	K4CD01000013	TERMINAL	1	
ZA6004	K4CD01000013	TERMINAL	1	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101	K4CD01000013	TERMINAL	1	
ZA7103	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7203	K4CD01000013	TERMINAL	1	
ZA9001	K4CD01000013	TERMINAL	1	
ZMM1	TMM25401	CLAMPER	1	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	⚠
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C405	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C407	ECA2WHG220	E 22UF, 450V	1	
C409	F0CAF105A021	C 1UF, 250V	1	⚠
C410	ECJ3YB1E105K	C 1UF, K, 25V	1	
C411-14	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C415,16	F1A3A102A040	C 1000PF, J, 1KV	2	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	F1A3A102A040	C 1000PF, J, 1KV	1	
C421,22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	F1A3A102A040	C 1000PF, J, 1KV	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429,30	F1K2J1530002	C 0.15PF, J,630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432-34	F1J1C1050011	C 1UF, Z, 50V	3	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J,630V	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	⚠
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C471	F1J1C1050011	C 1UF, Z, 50V	1	
C473	ECKCNA221KB7	C 220PF, M,	1	⚠
C476	ECKCNA221KB7	C 220PF, M,	1	⚠
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C490	ECJ2XC1H331J	C 330PF, J, 50V	1	
C491	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C492	ECJ2XC1H271J	C 270PF, J, 50V	1	
C493	ECA1EM101	E 100UF, 25V	1	
C494,95	ECJ2XC1H101J	C 100PF, J, 50V	2	
C496	F1J1C1050011	C 1UF, Z, 50V	1	
C497	ECA1EM221	E 220UF, 25V	1	
C498	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501-03	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C509	ECA1EM101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECA1EM331	E 330UF, 25V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	ECA1CM222	E 2200UF, 16V	1	
C516	ECJ2XB1C474K	C 0.47UF, K, 16V	1	
C517	F2D1E1010001	E 10UF, 25V	1	
C518,19	F1J1C1050011	C 1UF, Z, 50V	2	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C525	F2A1E8210012	E 820UF, 25V	1	
C526	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C551-53	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	ECA2AM101	E 100UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C562	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C572	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	ECA2AM330	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C591,92	F1K2J1530002	C 0.15PF, J,630V	2	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604,05	F2A2C1510004	E 150UF, 160V	2	
C606,07	F1J1C1050011	C 1UF, Z, 50V	2	
C608,09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ3YB1E105K	C 1UF, K, 25V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C631	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C633	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C636	F1J1C1050011	C 1UF, Z, 50V	1	
C637	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C646,47	ECJ2XC1H331J	C 330PF, J, 50V	2	
D401	B0FBAT000006	DIODE	1	
D402	MA4240MTA	ZENER DIODE	1	
D403	MA4051NM	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D406	MA4200M	ZENER DIODE	1	
D407	MA188	DIODE	1	
D410	MA111	DIODE	1	
D411	B0BB17000010	DIODE	1	
D412-14	MA111	DIODE	3	
D415	B0JAME000081	DIODE	1	
D417	RU30A	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D427-29	ERA15-10	DIODE	3	
D431	B0JCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	MA188	DIODE	1	
D437	MA4082M	ZENER DIODE	1	
D438	MA4150M	ZENER DIODE	1	
D439	MA4130HTA	ZENER DIODE	1	
D440	MA4300M	ZENER DIODE	1	
D441	B0HAMM000122	DIODE	1	
D442	MA4075M	ZENER DIODE	1	
D443	MA4240MTA	ZENER DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA165	DIODE	1	
D459	MA188	DIODE	1	
D461	MA4082M	ZENER DIODE	1	
D462	MA142WKTX	ZENER DIODE	1	
D463-67	ERA15-10	DIODE	5	
D501	B0HANR000016	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000081	DIODE	1	
D506	MA4051NM	ZENER DIODE	1	
D507,08	MA4150M	ZENER DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	B0HBSM000043	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D521	B0HAMP000067	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531,32	B0HAPR000012	DIODE	2	
D534	B0JBSG000026	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSL000013	DIODE	1	
D538	MA3051M	ZENER DIODE	1	
D539	B0HBRP000007	DIODE	1	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	
D549	MA4075M	ZENER DIODE	1	
D551	MA4130M	ZENER DIODE	1	
D552	MA4082M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA4062M	ZENER DIODE	1	
D564	MAZ72000AF	ZENER DIODE	1	
D565	MA4160M	ZENER DIODE	1	
D566	B0HAMM000122	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569-71	MA4300M	ZENER DIODE	3	
D572	MA188	DIODE	1	
D574	MA111	DIODE	1	
D575	MA188	DIODE	1	
D579	MA111	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
IC401	CNC1S171R	IC	1	⚠
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	⚠
IC406	C0DAZZZ00021	IC	1	
IC407	C0DBAZZ00111	IC	1	
IC408,09	CNC1S171R	IC	2	⚠
IC411	C0BBAA000038	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDD000064	IC	1	
IC502	C0EBH0000190	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC503,04	C0DAEMB00004	IC	2	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBABE00023	IC	1	
IC509	C0DABZZ00010	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	C9ZB00000496	IC	1	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00003	INDUCTION COIL	2	⚠
L501	EXCELSA35	BEAD CHOKE	1	
L502	TALL08N102JA	INDUCTION COIL	1	
L506	EXCELDR25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	
L510	EXCELDR25C	BEAD CHOKE	1	
P2	K1KA06AA0479	6P CONNECTOR	1	
P5	K1KA11AA0183	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06AA0182	6P CONNECTOR	1	
P11	K1KA07AA0192	7P CONNECTOR	1	
P12	K1KA05AA0192	5P CONNECTOR	1	
P23	K1KA03AA0182	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
P30	K1KA05AA0182	5P CONNECTOR	1	
PR401	K5Y502BA0001	FUSE	1	
PR402	K5G202B00015	FUSE	1	
PR501	K5H502Z00003	FUSE	1	
PR503	K5H502Z00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q401	B1CHND000004	TRANSISTOR	1	
Q403	B1CBGD000001	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601	TRANSISTOR	1	
Q408,09	B1CHND000004	TRANSISTOR	2	
Q412,13	B1DAGQ000013	TRANSISTOR	2	
Q414	B1ABCF000134	TRANSISTOR	1	
Q415	2SB1218ARL	TRANSISTOR	1	
Q417	B1CHND000004	TRANSISTOR	1	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q423,24	B1CBGD000001	TRANSISTOR	2	
Q430	B1CEJQ000002	TRANSISTOR	1	
Q431	B1DEGS000001	TRANSISTOR	1	
Q432	B1CEJQ000002	TRANSISTOR	1	
Q433	B1CBGD000001	TRANSISTOR	1	
Q434	B1CEJQ000002	TRANSISTOR	1	
Q435	B1CBGD000001	TRANSISTOR	1	
Q436	B1CEJQ000002	TRANSISTOR	1	
Q438	B1CBGD000001	TRANSISTOR	1	
Q439	B1CHND000004	TRANSISTOR	1	
Q440,41	2SD1819A	TRANSISTOR	2	
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	XN0440100L	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	B1CHND000004	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	XN0450100L	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	B1DHBD000004	TRANSISTOR	1	
Q511	B1CFND000005	TRANSISTOR	1	
Q512	B1CBGD000001	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HFCFA00021	TRANSISTOR	1	
Q518	B1DEHL000018	TRANSISTOR	1	
Q519	B1DEHF000002	TRANSISTOR	1	
Q520	B1HFCFA00021	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	
Q530	B1CBGD000001	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q541	B1CBGD000001	TRANSISTOR	1	
Q544	XN0440100L	TRANSISTOR	1	
Q550	B1CHGD000006	TRANSISTOR	1	
Q551,52	B1CBGD000001	TRANSISTOR	2	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHBD000004	TRANSISTOR	1	
Q557	2SD1819A	TRANSISTOR	1	
Q558	B1CHHG000002	TRANSISTOR	1	
Q559	2SD1819A	TRANSISTOR	1	
Q560	B1CHHG000002	TRANSISTOR	1	
Q561,62	2SD1819A	TRANSISTOR	2	
Q564,65	2SD1819A	TRANSISTOR	2	
Q567	B1CBGD000001	TRANSISTOR	1	
R401	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R402	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R403	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R405	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R410,11	D1F5100E0002	F 3.3 OHM, 5W	2	⚠
R412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R413	D1F5100E0002	F 3.3 OHM, 5W	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ8GEYJ181	M 180 OHM, J,1/8W	1	
R423	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R435	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R445	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R446	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R447	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R448,49	D0XGR10JA007	RESISTOR ARRAY	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R456,57	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R466,67	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R470	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R471	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R474	ERG1SJ104P	M 100KOHM, J, 1W	1	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R479	ERG1SJ104P	M 100KOHM, J, 1W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R481	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R485	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R486,87	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R488	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R489	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R524	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 3.3KOHM,F,1/10W	1	
R531	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R532	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J,1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J,1/8W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6RBD1002	M 1.0KOHM, 1/10W	1	
R540	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R541	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546,47	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R548	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R549	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R550	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R551	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R552	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R553	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R554	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ8GEYJ471	M 470 OHM, J,1/8W	1	
R558	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R559	ERJ6RBD4702	M 47KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R560	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	
R562	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R565	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R566	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R567	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R568,69	ERG2SJ181	M 180 OHM, J, 2W	2	
R570	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R571	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586,87	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R599,00	ERJ8GEYJ391	M 390 OHM, J,1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R604	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R634	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R640	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQFR68	M 0.68OHM, J,1/8W	3	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R654	ERJ8GEYJ101	M 100 OHM, J,1/8W	1	
R655	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMAASA00B14	CONTROL 10KOHMB	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R681	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R684	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R690	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692,93	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R695	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R698	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R702	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R703,04	ERG2SJ101	M 100 OHM, J, 2W	2	
R706	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R707	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R708	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R712	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R901	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R903-06	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R907	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R908	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R909-11	ERJ6GEYJ106	M 10MOHM,J,1/10W	3	
R912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R913,14	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R916	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R917	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R920	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R921	ERJ6RBD3092	M30.9KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R925	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R926,27	ERG2DJW224E	M 220KOHM, J, 2W	2	
R928-31	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R932	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
RL402	TSEH8011	RELAY	1	⚠
RL403	TSE10801	RELAY	1	⚠
S401,02	J0LT00000009	SWITCH	2	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T401	G4D4A0000107	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	G4D4A0000109	SWITCHING TRANSFORMER	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	G4D2A0000229	SWITCHING TRANSFORMER	1	⚠
T601	G4D2A0000227	SWITCHING TRANSFORMER	1	
W2	ERDS2TJ391	C 390 OHM, J,1/4W	1	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMM7443-3	CLAMPER	1	
Z413	TMM7464-2	CLAMPER	1	
Z414	TMME190	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401,02	D4EAD6210001	VARISTOR	2	⚠
ZN403	D4EA8511A001	VARISTOR	1	⚠
ZN404	D4EAB681A011	VARISTOR	1	⚠

16.3. Electrical Replacement Parts List (42inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECJ1XC1H221J	C 220PF, J, 50V	1	TH-42PA50H/M
C001	ECA0JM102	E 1000UF, 6.3V	1	TH-42PA50A
C002	ECA1HM100	E 10UF, 50V	1	TH-42PA50H/M
C002,03	ECA1HM100	E 10UF, 50V	2	TH-42PA50A
C003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	TH-42PA50H/M
C004	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C005	ECJ1XC1H220J	C 22PF, J, 50V	1	
C006	ECA0JM102	E 1000UF, 6.3V	1	TH-42PA50H/M
C006	ECJ1XC1H220J	C 22PF, J, 50V	1	TH-42PA50A
C007	ECJ3VB1C474K	C 0.47UF, K, 16V	1	TH-42PA50H/M
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50H/M
C009	ECJ1XC1H101J	C 100PF, J, 50V	1	TH-42PA50H/M
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	TH-42PA50A
C010,11	ECJ1XC1H330J	C 33PF, J, 50V	2	TH-42PA50H/M
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1KA04BA0107	4P CONNECTOR	1	
C1MM2	TMME199	CLAMPER	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C014	ECJ3YB0J335K	C 33UF, J, 25V	1	TH-42PA50H/M
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C017	ECJ3VB1C474K	C 0.47UF, K, 16V	1	TH-42PA50A
C018	ECJ1XC1H330J	C 33PF, J, 50V	2	TH-42PA50A
C019	ECJ1XC1H220J	C 22PF, J, 50V	1	TH-42PA50H/M
C019	ECJ1XC1H330J	C 33PF, J, 50V	2	TH-42PA50A
C020	ECA0JM102	E 1000UF, 6.3V	1	TH-42PA50H/M
C020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C021	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50H/M
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	TH-42PA50A
C21	K1MN55BA0076	55P CONNECTOR	1	
C022	ECJ1XC1H101J	C 100PF, J, 50V	1	TH-42PA50H/M
C022	ECJ3YB0J335K	C 33UF, J, 25V	1	TH-42PA50A
C22	K1KA04BA0107	4P CONNECTOR	1	
C23	K1KA12AA0153	12P CONNECTOR	1	
C023	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	TH-42PA50A
C024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	TH-42PA50H/M
C024	ECJ1XC1H221J	C 220PF, J, 50V	1	TH-42PA50A
C027	ECJ3YB0J335K	C 33UF, J, 25V	1	TH-42PA50H/M
C029,30	ECJ1XC1H330J	C 33PF, J, 50V	2	TH-42PA50H/M
C036	ECJ1XC1H221J	C 220PF, J, 50V	1	TH-42PA50H/M
C037	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	TH-42PA50H/M
C038	ECJ3VB1C474K	C 0.47UF, K, 16V	1	TH-42PA50H/M
C040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50H/M
C041-43	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	TH-42PA50H/M
C1100	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1101,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1105,06	ECJ1XB0J105K	C 1UF, K, 16V	2	
C1107	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1108-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1112	EEEHB1C100R	C 10PF, J, 16V	1	
C1113,14	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1115	EEEHB0G101R	C 100PF, J, 4V	1	
C1116	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1117-19	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1120	EEEHB0G101R	C 100PF, J, 4V	1	
C1122	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1123,24	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1125	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C1126	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1127	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1128,29	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1130	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1131	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1132	EEEHB1C100R	C 10PF, J, 16V	1	
C1133,34	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1135	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1136-39	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C1140	EEEHB1E330P	C 33PF, J, 25V	1	
C1141	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1150	EEEHB1E330P	C 33PF, J, 25V	1	
C1152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1155	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1170	EEVHP1C100R	E 10UF, 16V	1	
C1171	EEEHB1C470P	C 47PF, J, 16V	1	
C1172	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1174	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1175	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1178	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1181,82	EEEHB0G101R	C 100PF, J, 4V	2	
C1186	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1187	ECJ1XC1H180J	C 18PF, J, 50V	1	
C1188	ECJ1XC1H220J	C 22PF, J, 50V	1	
C1193	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1194	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1195	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1196-98	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1200,01	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1202	EEEHB0G101R	C 100PF, J, 4V	1	
C1203	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1204	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1205,06	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1207	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1208	ECJ1XC1H271J	C 270PF, J, 50V	1	
C1209	EEEHB0G101R	C 100PF, J, 4V	1	
C1211	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1212,13	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1214-16	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C1217,18	ECJ1XC1H271J	C 270PF, J, 50V	2	
C1219	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C1220,21	ECJ1XC1H101J	C 100PF, J, 50V	2	
C1222	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1223-25	ECJ1XC1H680J	C 68PF, J, 50V	3	
C2005,06	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2010,11	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2013,14	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2016,17	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2124	ECJ3XB1C106M	C 1.0UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	ECA1HM100	E 10UF, 50V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2143	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, Z, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2159,60	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2164,65	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2172	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	ECA1HM100	E 10UF, 50V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	ECA1HM3R3	E 3.3UF, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, Z, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	ECA1HM100	E 10UF, 50V	1	
C2193,94	ECJ2FB1C105K	C 1UF, Z, 16V	2	TH-42PA50A
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2198	ECA1CMH101	E 100UF, 16V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201,02	ECJ1XC1H050C	C 5PF, C, 50V	2	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2206	ECA1CMH101	E 100UF, 16V	1	
C2207	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2208	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	TH-42PA50A
C2212	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C2213	ECJ1VB1C104K	C 0.1UF, K, 16V	1	TH-42PA50A
C2214	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2215	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50A
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2300,01	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C2305	ECA1CMH101	E 100UF, 16V	1	
C2306	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2308,09	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2310,11	ECJ3YB1A475K	C 0.047UF, K, 10V	2	
C2314	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C2315	ECA1CHG470	E 47UF, 16V	1	
C2316	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2318	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C2319	ECJ1XC1H471J	C 470PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2320	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2322	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2323	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2324	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2325	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2327	ECJ1XC1H471J	C 470PF, J, 50V	1	
C2328	ECJ1VB1E473K	C 0.047UF, K, 25V	1	
C2329-32	ECJ1VB1H332K	C 3300PF, K, 50V	4	
C2358	ECA1CMH101	E 100UF, 16V	1	
C2359	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2374	ECA1HHG100	E 10UF, 50V	1	
C2376-79	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2384-87	ECJ2XB1H102K	C 1000PF, K, 50V	4	
C2428,29	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2433,34	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2437,38	ECJ2FB1A225K	C 2.2UF, K, 10V	2	
C2441,42	ECJ1XC1H221J	C 220PF, J, 50V	2	
C2445,46	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2449,50	ECA1EHG331	E 330UF, 25V	2	
C2453,54	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2457,58	ECJ2FB0J335K	C 3.3UF, K, 16V	2	
C2461,62	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2465,66	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2469,70	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2473,74	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2477,78	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2481-84	ECJ2FB1E224K	C 22UF, K, 25V	4	
C2489,90	ECJ2XB1H332K	C 3300PF, K, 50V	2	
C2497,98	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3005	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3015	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021-24	F1J1A1050002	C 1UF, Z, 50V	4	
C3032	ECJ2XB1A105K	C 1UF, K, 10V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035	F1J1A1050002	C 1UF, Z, 50V	1	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3043	F1J1A1050002	C 1UF, Z, 50V	1	
C3044	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3045	F1J1A1050002	C 1UF, Z, 50V	1	TH-42PA50H/M
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3049,50	F1J1A1050002	C 1UF, Z, 50V	2	
C3054-56	F1J1A1050002	C 1UF, Z, 50V	3	
C3058	ECA1CMH101	E 100UF, 16V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3060	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3066	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50H/M
C3069	ECA1EM471	E 470UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3207	ECJ2FB1C105K	C 1UF, Z, 16V	1	
C3208	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C3212	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3214	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3216	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3217,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
C3226-29	ECJ2FF1A106Z	C 0.001UF, Z, 10V	4	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3235	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3236	ECA1HM100	E 10UF, 50V	1	
C3241-43	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3248	ECJ2FB1C105K	C 1UF, Z, 16V	1	TH-42PA50H/M
C3249	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	TH-42PA50H/M
C3250	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PA50H/M
C3251	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3252	ECJ2FB1C105K	C 1UF, Z, 16V	1	TH-42PA50H/M
C3253-55	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	TH-42PA50H/M
C3256	ECJ2FB1C105K	C 1UF, Z, 16V	1	TH-42PA50H/M
C3257-61	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	TH-42PA50H/M
C3262-64	ECJ1VB1H472K	C 4700PF, K, 50V	3	
C4001	EEVHB0G221P	E 220UF, 4V	1	
C4002	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4003	EEFCD0G560R	56UF,	1	
C4004	ECJ2YB0J225K	C 2.2UF, K, 6.3V	1	
C4005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4006	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4014,15	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4016	ECJ1XC1H470J	C 47PF, J, 50V	1	
C4018	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4019	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4020	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4023,24	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4025	EEVHB0J470R	E 47UF, 6.3V	1	
C4026	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4027	EEEHB1E330P	C 33PF, J, 25V	1	
C4028,29	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4030	EEEHB1C100R	C 10PF, J, 16V	1	
C4031-33	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4035	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4036	EEVHB0J470R	E 47UF, 6.3V	1	
C4037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4038,39	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4043-45	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4047	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4048	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4049	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4050	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4051	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4052	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4053,54	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4055	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4056	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4057,58	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4059	EEVHB0J470R	E 47UF, 6.3V	1	
C4060	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4061	EEVHB0J470R	E 47UF, 6.3V	1	
C4062	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4063-65	ECJ2VB1C104K	C 0.1UF, K, 16V	3	
C4066	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4072	ECJ2YB0J225K	C 2.2UF, K, 6.3V	1	
C4100-02	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C4103	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4104	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4105	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4106	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4107	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4108	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4115-17	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C4118-20	ECJ1XC1H390J	C 39PF, J, 50V	3	
C4121,22	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4124	EEEHB1A101P	C 100PF, J, 10V	1	
C4126	EEVHB0J470R	E 47UF, 6.3V	1	
C4127	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4128-31	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4132	EEEHB0G101R	C 100PF, J, 4V	1	
C4133	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4135	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4136	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4151	ECJ3YB0J335K	C 33UF, J, 25V	1	
C4152	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4153-56	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C4158-66	ECJ1XC1H102J	C 1000PF, J, 50V	9	
C4167	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4168	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C4170-72	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C4176	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4177,78	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C4179	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4180	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4181	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4182	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4233	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4234	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4235	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4301,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4303	EEEHB1E330P	C 33PF, J, 25V	1	
C4306	ECJ1XC1H050C	C 5PF, C, 50V	1	
C4308,09	ECJ1XC1H220J	C 22PF, J, 50V	2	
C4310-13	ECJ1XB0J105K	C 1UF, K, 16V	4	
C4314	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4315-17	ECJ1VF1A105Z	C 1UF, Z, 10V	3	
C4318	EEEHB1E330P	C 33PF, J, 25V	1	
C4341	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4342	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4343	EEVHB0J470R	E 47UF, 6.3V	1	
C4345	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4346	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4348	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4350	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4351,52	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4353	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4354	EEVHB0G221P	E 220UF, 4V	1	
C4355,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4358	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4359-70	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C4371	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4372-74	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4375	ECJ1XB0J105K	C 1UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4378	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4379	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4380	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4381	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4382	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4383	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4384-88	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4390,91	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4392,93	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C4501	EEVHB0J470R	E 47UF, 6.3V	1	
C4502,03	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4504	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4505	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4506	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4507	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4508	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4509	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4510	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4511	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4512	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4513	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4514	EEVHB0J470R	E 47UF, 6.3V	1	
C4515	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4516-18	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C4519	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4521	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4522-24	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4525	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4526	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4527,28	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4529	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4530-34	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4535	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4536	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4537	EEVHB0J470R	E 47UF, 6.3V	1	
C4538-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	14	
C4552,53	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C4554-56	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C4560,61	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C4562	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4565-68	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4570-74	ECJ1XC1H102J	C 1000PF, J, 50V	5	
C4575	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4576-81	ECJ1XC1H102J	C 1000PF, J, 50V	6	
C4582	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C4583-95	ECJ1XC1H102J	C 1000PF, J, 50V	13	
C4596	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4597	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4598	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4599,00	ECJ1XB0J105K	C 1UF, K, 16V	2	
C4601	EEEHB0J330R	C 33PF, J, 6.3V	1	
C4602	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4605	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4607-10	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C4611	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4612	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4613	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4701	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4702	EEFCD0G560R	56UF,	1	
C4703	EEEHB0J220R	C 22PF, J, 6.3V	1	
C4704	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4709	EEVHB0J470R	E 47UF, 6.3V	1	
C4710,11	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4712	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4713	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4714	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4715	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4716	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4717	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4718	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4719-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C4723	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4724	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4725	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4726	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4727	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4728	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4729	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4730	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4731	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4732	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4733	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4734	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4735	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4736	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4737	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4855,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4858	EEVHB0G221P	E 220UF, 4V	1	
C4859	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4861	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4863	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4864	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C4867,68	ECJ1XC1H101J	C 100PF, J, 50V	2	
C4873	EEVHB0J470R	E 47UF, 6.3V	1	
C4874	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4875,76	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4877	ECJ2XB1A105K	C 1UF, K, 10V	1	
C4878,79	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C4880	ECJ2XB1A105K	C 1UF, K, 10V	1	
C4882	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4883	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4892	EEVHB0J470R	E 47UF, 6.3V	1	
C4893	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4898	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4899	ECJ1XB0J105K	C 1UF, K, 16V	1	
C4901	EEEHB1C100R	C 10PF, J, 16V	1	
C4902	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4922	EEVHB0J470R	E 47UF, 6.3V	1	
C4924	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4925	EEEHB1C470P	C 47PF, J, 16V	1	
C4926	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4929	EEEHB1C100R	C 10PF, J, 16V	1	
C4939	EEVHB0G221P	E 220UF, 4V	1	
C4942	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4943	EEEHB1C470P	C 47PF, J, 16V	1	
C4945-48	ECJ1XC1H102J	C 1000PF, J, 50V	4	
C4952	ECJ1XC1H101J	C 100PF, J, 50V	1	
C5601	ECA1HM220	E 22UF, 50V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E102	E 1000UF, 25V	1	
C5606	EEUFC1C821	E 820UF, 16V	1	
C5608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	EEUFC1E102	E 1000UF, 25V	1	
C5612	EEUFC1C821	E 820UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5613	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5616	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5617	EEUFC1C821	E 820UF, 16V	1	
C5618,19	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C5622	EEUFC1C821	E 820UF, 16V	1	
C5623	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5626	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C5631	EEUFC1C102	E 1000UF, 16V	1	
C5637	ECJ2VF1C474Z	C 0.47UF, Z, 16V	1	
C5641-44	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C5670	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5672	ECA1HM220	E 22UF, 50V	1	
C5673	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5813	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5818	ECA1CM471	E 470UF, 16V	1	
C5820	ECA1CM102	E 1000UF, 16V	1	
C5821	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C6001-03	F2A2D221A022	E 220UF, 200V	3	
C6005	F1L1E4750004	C 4.7UF, 25V	1	
C6007,08	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6011	F1L2J392A022	C 3900UF, K,6.3V	1	
C6012	F1L2J562A022	C 5600UF, K,6.3V	1	
C6016	F1L2J392A022	C 3900UF, K,6.3V	1	
C6017	F1L2J562A022	C 5600UF, K,6.3V	1	
C6021-30	ECQE2105RKB	P 1UF, 250V	10	
C6031,32	F1L1E4750004	C 4.7UF, 25V	2	
C6034,35	F1L1E4750004	C 4.7UF, 25V	2	
C6037	ECQE2224KF	P 2.2UF, K,250V	1	
C6043,44	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050,51	TCUY1C105ZFN	C 1UF, 16V	2	
C6053,54	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060,61	F1K2J471A014	C 470UF, K,6.3V	2	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479,80	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6490	F1K2J332A014	C 3300UF, K,6.3V	1	
C6491,92	F2A2G100A017	E 100UF, 400V	2	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-03	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C6505	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6507	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	F1L1E4750004	C 4.7UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K,6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529,30	F1K2J471A014	C 470UF, K,6.3V	2	
C6531,32	F1L1E4750004	C 4.7UF, 25V	2	
C6533,34	F1K2J471A014	C 470UF, K,6.3V	2	
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543,44	F1K2J102A014	C 1000PF,	2	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6551	ECQE2224KF	P 2.2UF, K,250V	1	
C6571	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6575	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6577	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	F2A2D221A022	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611	F1L2J392A022	C 3900UF, K,6.3V	1	
C6612	F1L2J562A022	C 5600UF, K,6.3V	1	
C6615	F1L2J562A022	C 5600UF, K,6.3V	1	
C6616	F1L2J392A022	C 3900UF, K,6.3V	1	
C6617	F1L2J562A022	C 5600UF, K,6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,32	F1L1E4750004	C 4.7UF, 25V	2	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 2.2UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6659,60	F1K2J471A014	C 470UF, K,6.3V	2	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,12	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,72	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7138,39	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7186	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7208,09	TCUY1C105ZFN	C 1UF, 16V	2	
C7218,19	TCUY1C105ZFN	C 1UF, 16V	2	
C7222	TCUY1C105ZFN	C 1UF, 16V	1	
C7226,27	ECJ1XC1H220J	C 22PF, J, 50V	2	
C7235	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7237	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7239	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7242	TCUY1C105ZFN	C 1UF, 16V	1	
C7253-56	ECJ1XC1H101J	C 100PF, J, 50V	4	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C9000	EEEHB1C470P	C 47PF, J, 16V	1	
C9001	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9004,05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9006	F1J0J1060004	C 0.010UF, K, 16V	1	
C9007	EEEHB1C470P	C 47PF, J, 16V	1	
C9008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9009	F1J0J1060004	C 0.010UF, K, 16V	1	
C9010-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9014	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9015-22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9023	EEEHB1C470P	C 47PF, J, 16V	1	
C9024	ECJ1XC1H271J	C 270PF, J, 50V	1	
C9025	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9026,27	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9028-31	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9033	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9035,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9201,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9203	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9204	ECJ1VC1H080C	C 8PF, C, 50V	1	
C9205	F1J0J1060004	C 0.010UF, K, 16V	1	
C9206,07	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304-57	ECJ1XB1C104K	C 0.1UF, Z, 16V	54	
C9358	EEEHB0G221P	C 220PF, J, 4V	1	
C9359	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9360	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9502	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9503-12	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9513	EEEHB1C470P	C 47PF, J, 16V	1	
C9514-17	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9518	EEEHB1C470P	C 47PF, J, 16V	1	
C9519	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9701,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9703	F1J0J1060004	C 0.010UF, K, 16V	1	
C9705,06	F1J0J1060004	C 0.010UF, K, 16V	2	
C9707	EEEHB1C470P	C 47PF, J, 16V	1	
C9712,13	F1J0J1060004	C 0.010UF, K, 16V	2	
C9714,15	ECGRL0G680R	C 68PF, J, 4V	2	
C9716	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9718	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9719,20	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C9721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9723,24	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C9725	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9727	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9728,29	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9730,31	EEEHB1C470P	C 47PF, J, 16V	2	
C9732	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9733	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9734,35	EEEHB1C470P	C 47PF, J, 16V	2	
C9736	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9739,40	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9741	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9742	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9743,44	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9900,01	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	
D003	MA152K	DIODE	1	TH-42PA50A
D3	K1KA30AA0009	30P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D6	K1KA20A00310	20P CONNECTOR	1	
D8	K1KA08AA0104	8P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D33,34	K1MN55BA0076	55P CONNECTOR	2	
D1151	MA8120M	ZENER DIODE	1	
D1154-61	MA8062MTX	ZENER DIODE	8	
D2011-14	MA111	DIODE	4	
D2104	MA152K	DIODE	1	
D2107-09	MA8140M	ZENER DIODE	3	
D2111	MA8140M	ZENER DIODE	1	
D2116	MA8140M	ZENER DIODE	1	
D2118	MA8140M	ZENER DIODE	1	
D2119	B0BC01100001	ZENER DIODE	1	
D2120	MA152K	DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2315,16	B0JCDD000002	DIODE	2	
D2319,20	B0JCDD000002	DIODE	2	
D2332	MA111	DIODE	1	
D2512	MA8056M	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D2513,14	MA152K	DIODE	2	
D2520	B3AAA0000770	LED	1	
D2523	MA152K	DIODE	1	
D2524	MA8056M	ZENER DIODE	1	
D2529	MA8056-M	ZENER DIODE	1	
D3003	MA8140M	ZENER DIODE	1	
D3005,06	MA8140M	ZENER DIODE	2	
D3017	MA8140M	ZENER DIODE	1	
D3021	MA152	DIODE	1	
D3023	MA111	DIODE	1	
D3024	B0BC01100001	ZENER DIODE	1	
D3026	MA111	DIODE	1	
D3034-44	MA8140M	ZENER DIODE	11	
D3100	MA8140M	ZENER DIODE	1	
D3237,38	MA152K	DIODE	2	TH-42PA50H/M
D4231	MA111	DIODE	1	
D5610	MA3X78900L	ZENER DIODE	1	
D5614	B0BC6R600005	ZENER DIODE	1	
D5615	B0BC4R700007	ZENER DIODE	1	
D5616	B0BC6R600005	ZENER DIODE	1	
D5617	B0BC01100001	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3068H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3100H	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5645-47	MA152	DIODE	3	
D6001,02	B0HBSN000008	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6020	B0HBSN000008	DIODE	1	
D6021	B0ECHP000003	DIODE	1	
D6022	B0HBSN000008	DIODE	1	
D6023	B0ECHP000003	DIODE	1	
D6024	B0HBSN000008	DIODE	1	
D6029	B0HBSN000008	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6040,41	B0ECHP000003	DIODE	2	
D6051	B0ECHP000003	DIODE	1	
D6052,53	B0JCME000037	DIODE	2	
D6054	B0ECHP000003	DIODE	1	
D6055	B0JCME000037	DIODE	1	
D6057	B0ECHP000003	DIODE	1	
D6058-60	MA111	DIODE	3	
D6061	MA8082MTX	ZENER DIODE	1	
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066,67	MA8330M	ZENER DIODE	2	
D6070	MA111	DIODE	1	
D6451	B0JCME000037	DIODE	1	
D6452,53	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	B0ECHP000003	DIODE	1	
D6459	MA111	DIODE	1	
D6460,61	B0HCKS000002	DIODE	2	
D6462	B0JCME000037	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	B0JCME000037	DIODE	1	
D6465,66	MA8330M	ZENER DIODE	2	
D6467	B0ECHP000003	DIODE	1	
D6468	MA111	DIODE	1	
D6470,71	MA111	DIODE	2	
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6479	MA111	DIODE	1	
D6481,82	MA8330M	ZENER DIODE	2	
D6483-90	MA8056H	ZENER DIODE	8	
D6491,92	B0ECHP000003	DIODE	2	
D6495	B0HCKS000002	DIODE	1	
D6496	B0JCME000037	DIODE	1	
D6501,02	MA111	DIODE	2	
D6503	MA8056H	ZENER DIODE	1	
D6509	MA111	DIODE	1	
D6511	B0HCMM000014	DIODE	1	
D6512-14	MA111	DIODE	3	
D6515	MA8240M	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000002	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA111	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	B0HCMM000014	DIODE	1	
D6527	MA111	DIODE	1	
D6529	B0JCME000037	DIODE	1	
D6541	B0HCKS000002	DIODE	1	
D6542	MA111	DIODE	1	
D6543	B0HCKS000002	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	
D6551	B0JCME000037	DIODE	1	
D6552,53	MA111	DIODE	2	
D6554	B0HCKS000002	DIODE	1	
D6570	B0HCMM000014	DIODE	1	
D6572	B0ECHP000003	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585,86	MA8330M	ZENER DIODE	2	
D6601,02	B0HBSN000008	DIODE	2	
D6615	B0ECHP000003	DIODE	1	
D6620	B0HBSN000008	DIODE	1	
D6621	B0ECHP000003	DIODE	1	
D6622	B0HBSN000008	DIODE	1	
D6623	B0ECHP000003	DIODE	1	
D6624	B0HBSN000008	DIODE	1	
D6629	B0HBSN000008	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6640	B0ECHP000003	DIODE	1	
D6647	B0ECHP000003	DIODE	1	
D6901-03	MA8056H	ZENER DIODE	3	
D6905	B0ECHP000003	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6909,10	B0ECHP000003	DIODE	2	
D6956,57	MA8056H	ZENER DIODE	2	
D6961,62	B0ECHP000003	DIODE	2	
D9000-02	MA3033	ZENER DIODE	3	
D9011,12	MA728	DIODE	2	
D9015,16	MA152K	DIODE	2	
D9700,01	MA728	DIODE	2	
D9900,01	MA152K	DIODE	2	
DG2	K1MN40A00024	40P CONNECTOR	1	
DG3	K1KA20B00155	20P CONNECTOR	1	
DG5	K1KA21B00008	21P CONNECTOR	1	
DG20	K1MN30A00068	30P CONNECTOR	1	
DG32	K1KA08AA0150	8P CONNECTOR	1	
FL1100	J0HABH000012	LC FILTER	1	
FL4016,17	J0HABH000012	LC FILTER	2	
FL4020-23	J0HABH000012	LC FILTER	4	
FL7106	J0HABH000013	LC FILTER	1	
FL7208	J0HABH000013	LC FILTER	1	
FL9000-04	J0HABH000013	LC FILTER	5	
FL9300-02	J0HABH000013	LC FILTER	3	
FL9701,02	J0HABH000012	LC FILTER	2	
FL9703,04	J0HABH000013	LC FILTER	2	
FL9900,01	J0HABH000013	LC FILTER	2	
H2	K1MN40B00045	40P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	TH-42PA50A
H6A	K1KA15AA0288	15P CONNECTOR	1	TH-42PA50H/M
H12	K1KA09AA0190	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H30	K1MN30A00068	30P CONNECTOR	1	
H50	K1MN35A00013	35P CONNECTOR	1	
H53	K1KA12AA0178	12P CONNECTOR	1	
HMM1-M4	TMM25401	CLAMPER	4	
IC1103	C0DBEZG00013	IC	1	
IC1104	C2CBYF000032	IC	1	
IC1106	CXA1875AM	LINEAR IC	1	
IC1107	TVRN610	IC	1	TH-42PA50H
IC1107	TVRN611	IC	1	TH-42PA50A
IC1107	TVRN776	IC	1	TH-42PA50M
IC1108	C0EBE0000336	IC	1	
IC1109	C0JBBZ000281	IC	1	
IC1110	C0CBCBD00043	IC	1	
IC1114	C3ABPG000133	IC	1	
IC1115	TVRN603-1	IC	1	
IC1117	C0JBAZ002186	IC	1	
IC1235	C0ZBZ0001038	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBB000038	IC	1	
IC2105	AN15861A-VT	IC	1	
IC2106	C1AB00002135	IC	1	
IC2107	C0DBEZE00006	IC	1	
IC2108	C0EBF0000354	IC	1	
IC2300	C1BB00000800	IC	1	
IC2302	NJM2904M	LINEAR IC	1	
IC2305,06	C1BB00000818	IC	2	
IC3005	AN15866A-VT	IC	1	
IC3006	CXA1315M	LINEAR IC	1	
IC4005	C1AB00002298	IC	1	
IC4008	C0CBCBD00008	IC	1	
IC4009	C0CBCAC00282	IC	1	
IC4011	C0CBCAC00282	IC	1	
IC4012	C1AB00001834	IC	1	
IC4013	C1AB00002202	IC	1	
IC4014	C0JBAZ002186	IC	1	
IC4016	C0FBBD000195	IC	1	
IC4021	C0JBAP000020	IC	1	
IC4024	C0DBZFG00055	IC	1	
IC4025	C0CBCAC00275	IC	1	
IC4041	C0CBCAC00275	IC	1	
IC4042	C0DBEJG00001	IC	1	
IC4044	C0CBCAC00136	IC	1	
IC4048	C0DBEJG00001	IC	1	
IC4049	C0CBCBF00009	IC	1	
IC4051	C1ZBZ0002790	IC	1	
IC4054	C1AB00002234	IC	1	
IC4055	C3ABQJ000040	IC	1	
IC4063	C0EBC0000150	IC	1	
IC5601,02	N0BF2DE00001	DC-DC CONVERTER	2	
IC5603	C0DBAJB00004	IC	1	
IC5803	C0DAEZH00017	IC	1	
IC6001-03	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0001033	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	C0CBALC00010	IC	2	
IC6454,55	C0CBADC00075	IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	C0JBAZ000994	IC	2	
IC6511	C0ZBZ0001033	IC	1	
IC6512	C0CBADC00075	IC	1	
IC6521	C0ZBZ0001033	IC	1	
IC6541,42	C0ZBZ0001033	IC	2	
IC6543	C0CBADC00075	IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601,02	C0ZBZ0000895	IC	2	
IC6605,06	C0JBAZ000005	IC	2	
IC6607	C0JBAA000174	IC	1	
IC6901-04	AN16021A-VT	IC	4	
IC6955-58	AN16021A-VT	IC	4	
IC7101	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-04	C0JBAZ001120	IC	4	
IC9001	TVRN460-1	IC	1	
IC9003	C2CBJG000660	IC	1	
IC9004	C0EBE0000120	IC	1	
IC9005,06	C0JBAZ000856	IC	2	
IC9007	TVRN462	IC	1	
IC9008	C0DBEJG00001	IC	1	
IC9200	C1ZBZ0002769	IC	1	
IC9300	MN84512-A	IC	1	
IC9301	PST9128NR	IC (LOGIC)	1	
IC9302	C3ABQJ000031	IC	1	
IC9303	TVRN461-1	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9500	C1ZBZ0002599	IC	1	
IC9502	C0JBAZ000856	IC	1	
IC9504	C0JBAZ000856	IC	1	
IC9700	C0DBEJG00001	IC	1	
IC9702	C0DBAZH00020	IC	1	
JK3100A	TJB0A639	TERMINAL	1	
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS027	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS1000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1177	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2003	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS2004	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50A
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2101,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2105,06	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS2114,15	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2304-11	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2315	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2317-24	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
JS2329-32	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3010-15	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS3022,23	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3028	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS3029	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3202	J0JCC0000241	CHIP INDUCTOR	1	
JS3205	J0JCC0000241	CHIP INDUCTOR	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3208	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS3244,45	J0JCC0000241	CHIP INDUCTOR	2	TH-42PA50H/M
JS3248	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50A
JS3261	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50A
JS3265	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3327,28	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3329	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
JS3330-37	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3339-45	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
JS3354-57	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS3359	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3366-68	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3401-08	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3422-24	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4004-09	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS4012-14	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4022,23	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4027-30	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS4081	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4084	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4087-92	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS4095,96	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS4901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS5602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS5609-12	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5801,02	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS5805-08	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS5810-18	ERJ6GEY0R00	M 0 OHM, 1/10W	9	
K1	K1KA12BA0053	12P CONNECTOR	1	
L001	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PA50H/M
L003-05	J0JCC0000364	CHIP INDUCTOR	3	TH-42PA50A
L004,05	J0JHC0000078	CHIP INDUCTOR	2	TH-42PA50H/M
L006,07	J0JCC0000241	CHIP INDUCTOR	2	TH-42PA50A
L007	EXC3BB221H	BEAD CHOKE	1	TH-42PA50H/M
L008	EXC3BB221H	BEAD CHOKE	1	TH-42PA50A
L008-11	J0JCC0000241	CHIP INDUCTOR	4	TH-42PA50H/M
L012	J0JCC0000241	CHIP INDUCTOR	1	TH-42PA50A
L013	J0JCC0000241	CHIP INDUCTOR	1	TH-42PA50H/M
L015	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PA50H/M
L017,18	J0JGC0000021	CHIP INDUCTOR COIL	2	TH-42PA50A
L018,19	J0JHC0000078	CHIP INDUCTOR	2	TH-42PA50H/M
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-42PA50A
L021,22	J0JCC0000241	CHIP INDUCTOR	2	TH-42PA50H/M
L024	EXC3BB221H	BEAD CHOKE	1	TH-42PA50H/M
L025,26	J0JCC0000241	CHIP INDUCTOR	2	TH-42PA50H/M
L028	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PA50H/M
L031	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PA50H/M
L1009	J0JHC0000078	CHIP INDUCTOR	1	
L1110-14	J0JHC0000078	CHIP INDUCTOR	5	
L1120	J0JHC0000078	CHIP INDUCTOR	1	
L1170	J0JHC0000078	CHIP INDUCTOR	1	
L1172	ELJFA8R2KB	CHIP INDUCTOR	1	
L1174	J0JCC0000241	CHIP INDUCTOR	1	
L1175,76	J0JHC0000078	CHIP INDUCTOR	2	
L2003,04	EXC3BB221H	BEAD CHOKE	2	
L2007,08	EXC3BB221H	BEAD CHOKE	2	
L2011,12	EXC3BB221H	BEAD CHOKE	2	
L2015,16	EXC3BB221H	BEAD CHOKE	2	
L2107,08	J0JCC0000241	CHIP INDUCTOR	2	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2113,14	TSK1032	BEAD CHOKE	2	
L2115,16	J0JCC0000241	CHIP INDUCTOR	2	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	TH-42PA50A
L2120	J0JCC0000241	CHIP INDUCTOR	1	
L2121	EXCELDR35C	BEAD CHOKE	1	
L2122	TSK1032	BEAD CHOKE	1	
L2123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	J0JCC0000241	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2305,06	G0A100ZA0033	CHOKE COIL	2	
L2312,13	G0A100ZA0033	CHOKE COIL	2	
L2316-19	J0JJC0000011	CHIP INDUCTOR	4	
L3001-03	EXC3BB221H	BEAD CHOKE	3	
L3009	J0JCC0000241	CHIP INDUCTOR	1	
L3010	EXC3BB221H	BEAD CHOKE	1	
L3011	ELJPA100KB	CHIP INDUCTOR	1	
L3013	EXC3BB221H	BEAD CHOKE	1	
L3211	ELJNC15NKB	CHIP COIL	1	
L3212	EXC3BB221H	BEAD CHOKE	1	
L3213	ELJNC15NKB	CHIP COIL	1	TH-42PA50H/M
L3214	J0JCC0000364	CHIP INDUCTOR	1	TH-42PA50H/M
L3216	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3217	J0JCC0000364	CHIP INDUCTOR	1	TH-42PA50H/M
L3219	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PA50H/M
L4001	J0JHC0000078	CHIP INDUCTOR	1	
L4003,04	J0JHC0000078	CHIP INDUCTOR	2	
L4006-08	J0JHC0000078	CHIP INDUCTOR	3	
L4104	J0JCC0000241	CHIP INDUCTOR	1	
L4105	J0JHC0000078	CHIP INDUCTOR	1	
L4106	J0JCC0000241	CHIP INDUCTOR	1	
L4151	J0JCC0000241	CHIP INDUCTOR	1	
L4231	J0JCC0000241	CHIP INDUCTOR	1	
L4301	J0JHC0000078	CHIP INDUCTOR	1	
L4341-43	J0JHC0000078	CHIP INDUCTOR	3	
L4344	J0JCC0000241	CHIP INDUCTOR	1	
L4345	J0JHC0000078	CHIP INDUCTOR	1	
L4346	TALC168T100K	CHIP INDUCTOR COIL	1	
L4347,48	J0JCC0000241	CHIP INDUCTOR	2	
L4350	J0JHC0000078	CHIP INDUCTOR	1	
L4501	J0JHC0000078	CHIP INDUCTOR	1	
L4503,04	J0JHC0000078	CHIP INDUCTOR	2	
L4505	J0JCC0000241	CHIP INDUCTOR	1	
L4506	J0JHC0000078	CHIP INDUCTOR	1	
L4508,09	J0JHC0000078	CHIP INDUCTOR	2	
L4510	J0JCC0000241	CHIP INDUCTOR	1	
L4511	J0JHC0000078	CHIP INDUCTOR	1	
L4701	J0JHC0000078	CHIP INDUCTOR	1	
L4751	J0JCC0000241	CHIP INDUCTOR	1	
L4801-03	J0JHC0000078	CHIP INDUCTOR	3	
L4861,62	J0JHC0000078	CHIP INDUCTOR	2	
L4900	J0JHC0000078	CHIP INDUCTOR	1	
L5604	G0A470GA0002	CHOKE COIL	1	
L5605	G1C1R0MA0072	CHOKE COIL	1	
L5606	TALL08N120KA	INDUCTION COIL	1	
L5607	G0C101K00023	PEAKING COIL	1	
L5608	G1C100MA0072	CHOKE COIL	1	
L5609	TALL08N120KA	INDUCTION COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5611	G1A470ZA0007	CHOKE COIL	1	
L5612	G0A220GA0002	CHOKE COIL	1	
L5613,14	G1A470ZA0007	CHOKE COIL	2	
L5615	G0A220GA0002	CHOKE COIL	1	
L5616	G1A470ZA0007	CHOKE COIL	1	
L5808	G0A100GA0013	CHOKE COIL	1	
L5810	G0A100GA0013	CHOKE COIL	1	
L6002-04	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6011-13	G0AR60MA0003	CHOKE COIL	3	
L6014,15	G0A1R0MA0003	CHOKE COIL	2	
L6018	J0JJC0000021	CHIP INDUCTOR	1	
L6019	G0ZZ00002183	PEAKING COIL	1	
L6022	J0JJC0000021	CHIP INDUCTOR	1	
L6024-27	G0ZZ00002183	PEAKING COIL	4	
L6034-37	G0ZZ00002183	PEAKING COIL	4	
L6042,43	J0JJC0000021	CHIP INDUCTOR	2	
L6047	J0JJC0000021	CHIP INDUCTOR	1	
L6050	G0ZZ00002183	PEAKING COIL	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	
L6604,05	G0ZZ00002183	PEAKING COIL	2	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614,15	G0A1R0MA0003	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6647	J0JJC0000021	CHIP INDUCTOR	1	
L9200	G1C150KA0038	INDUCTION COIL	1	
L9500,01	J0JHC0000078	CHIP INDUCTOR	2	
L9700	G1C4R3M00003	CHIP INDUCTOR	1	
L9701	G1C6R8M00009	CHIP INDUCTOR	1	
PA7	K1KA08AA0192	8P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN30A00068	30P CONNECTOR	1	
PA30	K1MN30A00068	30P CONNECTOR	1	
PA5601,02	K5H4022A0023	FUSE	2	
PB5	K1KA11AA0194	11P CONNECTOR	1	
PB7	K1KA08AA0192	8P CONNECTOR	1	
PC6458	B3PBA0000223	IC	1	
PC6467	B3PBA0000223	IC	1	
PC6469	B3PBA0000223	IC	1	
PC6474	B3PBA0000223	IC	1	
PC6480	B3PBA0000223	IC	1	
PC6503	B3PBA0000233	IC	1	
PC6505	B3PBA0000233	IC	1	
PC6507	B3PBA0000233	IC	1	
PC6509,10	B3PBA0000234	IC	2	
PC6517	B3PBA0000223	IC	1	
Q1170	2SA207700L	TRANSISTOR	1	
Q1172	2SD601A	TRANSISTOR	1	
Q1174,75	2SD601A	TRANSISTOR	2	
Q1176	UN5211	TRANSISTOR	1	
Q1177	UN5111	TRANSISTOR	1	
Q1178	UN5211	TRANSISTOR	1	
Q1180	UN5211	TRANSISTOR	1	
Q1182	2SD601A	TRANSISTOR	1	
Q1184	2SD601A	TRANSISTOR	1	
Q1200	2SD601A	TRANSISTOR	1	
Q2001,02	2SD601A	TRANSISTOR	2	
Q2011	2SB709A	TRANSISTOR	1	
Q2012	2SD601A	TRANSISTOR	1	
Q2013	2SB709A	TRANSISTOR	1	
Q2102-05	2SB709A	TRANSISTOR	4	
Q2106-09	2SD601A	TRANSISTOR	4	TH-42PA50A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2300	2SC584500L	TRANSISTOR	1	
Q2301	2SD601A	TRANSISTOR	1	
Q2302	2SC584500L	TRANSISTOR	1	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2323	2SA207700L	TRANSISTOR	1	
Q2324	2SC584500L	TRANSISTOR	1	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2519	2SB709A	TRANSISTOR	1	
Q3002	2SB709A	TRANSISTOR	1	
Q3008	2SB709A	TRANSISTOR	1	
Q3009	2SD601A	TRANSISTOR	1	
Q3010-15	2SB709A	TRANSISTOR	6	
Q3017,18	2SB709A	TRANSISTOR	2	
Q3024	2SB709A	TRANSISTOR	1	TH-42PA50H/M
Q3204-07	2SD601A	TRANSISTOR	4	TH-42PA50H/M
Q3208-11	2SB709A	TRANSISTOR	4	TH-42PA50H/M
Q4006	2SD601A	TRANSISTOR	1	
Q4010-12	2SD601A	TRANSISTOR	3	
Q4013	2SA207700L	TRANSISTOR	1	
Q4015	2SB1218ARL	TRANSISTOR	1	
Q4016	2SA207700L	TRANSISTOR	1	
Q4068	2SD601A	TRANSISTOR	1	
Q4101	2SD601A	TRANSISTOR	1	
Q4103,04	2SD601A	TRANSISTOR	2	
Q4106,07	2SD601A	TRANSISTOR	2	
Q4109-12	2SD601A	TRANSISTOR	4	
Q4301-03	2SD601A	TRANSISTOR	3	
Q4306-08	2SA207700L	TRANSISTOR	3	
Q4309	2SD1030	TRANSISTOR	1	
Q4310,11	2SD601A	TRANSISTOR	2	
Q4900	2SD601A	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SC584500L	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SC584500L	TRANSISTOR	2	
Q5606	B1DHDC000028	TRANSISTOR	1	
Q5607	2SC584500L	TRANSISTOR	1	
Q5613	2SC584500L	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SC584500L	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6006-08	B1JADN000001	TRANSISTOR	3	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021	B1DEKM000001	TRANSISTOR	1	
Q6024	B1DEKM000001	TRANSISTOR	1	
Q6025	2SK620	FET	1	
Q6041,42	B1DFKM000002	TRANSISTOR	2	
Q6045	2SK326800L	FET	1	
Q6046	B1DFKM000002	TRANSISTOR	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6055,56	2SD601A	TRANSISTOR	2	
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ000004	TRANSISTOR	1	
Q6462	2SB0709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ000004	TRANSISTOR	1	
Q6472	2SB0709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,12	B1DFGL000008	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES000002	TRANSISTOR	1	
Q6522-28	2SK400000L	FET	7	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK399500L	FET	1	
Q6544-46	2SK399500L	FET	3	
Q6548	2SK399500L	FET	1	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DEET000002	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000002	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6583,84	2SK620	FET	2	
Q6601-03	B1JADN000001	TRANSISTOR	3	
Q6606-08	B1JADN000001	TRANSISTOR	3	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	B1DEKM000001	TRANSISTOR	1	
Q6624	B1DEKM000001	TRANSISTOR	1	
Q6901	2SK620	FET	1	
Q9000,01	2SD601A	TRANSISTOR	2	
Q9003	B1DHCC000034	TRANSISTOR	1	
Q9004	2SB709A	TRANSISTOR	1	
Q9008,09	2SK2731T146	FET	2	
Q9010,11	2SD601A	TRANSISTOR	2	
Q9012,13	2SK2731T146	FET	2	
Q9020-23	2SD601A	TRANSISTOR	4	
Q9500	2SK2731T146	FET	1	
Q9700	2SD601A	TRANSISTOR	1	
Q9701,02	B1MBCDA00002	TRANSISTOR	2	
Q9703,04	2SD601A	TRANSISTOR	2	
Q9900,01	2SD601A	TRANSISTOR	2	
R001,02	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	TH-42PA50H/M
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	TH-42PA50A
R003	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50A
R005	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	TH-42PA50A
R006	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	TH-42PA50A
R007	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PA50A
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PA50A
R011,12	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	TH-42PA50H/M
R013,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PA50H/M
R1110,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1115	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1123	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1125	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1127	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1134	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R1146	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1149	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R1168	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1170	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1171	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R1172	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1173	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1175	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R1177	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1178	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1180	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1185	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1186	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R1187	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1188	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R1189	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1190-97	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R1199	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1200	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1202-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R1206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1208,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1212	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1213	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1214	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1215	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1216	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1219	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1221	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1222	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1224	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R1225,26	ERJ3GEYJ683	M 68KOHM,J,1/16W	2	TH-42PA50H/M
R1227	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1228	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1229	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1231	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1232	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R1233	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R1234	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1235	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1237	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1240	EXB2HV680J	RESISTOR ARRAY	1	
R1242,43	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1244	EXB38V680J	RESISTOR ARRAY	1	
R1248	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	TH-42PA50A
R1249	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1250	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1251	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1253	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1255	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1258	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1263	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1266	EXB2HV680J	RESISTOR ARRAY	1	
R1267	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R1268	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1269	EXB2HV680J	RESISTOR ARRAY	1	
R1270	ERJ3GEYJ820	M 82 OHM,J,1/16W	1	
R1271	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1272,73	D1HG5608A002	NETWORK RESISTER	2	
R1274	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1275	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1277	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1280,81	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1283	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R1284	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1285,86	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R1287	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1288	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R1289,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1291-94	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R1295	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1297	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1301	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1302	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1303	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1305	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1306	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R1307	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1308,09	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R1311	ERJ3GEYJ201	M 200 OHM,J,1/16W	1	
R1313	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1316,17	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1320	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1321	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R1322	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1323,24	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1326,27	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1329	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1330,31	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R1332,33	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1334	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R1336,37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1338	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1339-41	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1342	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1343,44	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R1345,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R1347,48	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R1351	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R1355	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R1359,60	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R1361	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R1365,66	EXB2HV680J	RESISTOR ARRAY	2	
R1372-74	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R1380,81	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R1384	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1389	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R1390	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2047	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2124,25	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2130,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2147	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2148,49	ERJ3GEYJ273	M 27KOHM,J,1/16W	2	
R2151	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2152	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2172,73	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2180	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R2182,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	TH-42PA50A
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	J0JCC0000241	CHIP INDUCTOR	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2198	ERJ6ENF1781	M1.78KOHM, 1/10W	1	
R2199	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	TH-42PA50A
R2200	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2201	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R2202	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	TH-42PA50A
R2205	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	TH-42PA50A
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-42PA50A
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	TH-42PA50A
R2210	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	TH-42PA50A
R2211	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	TH-42PA50A
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	TH-42PA50A
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	TH-42PA50A
R2215	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	TH-42PA50A
R2216	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	TH-42PA50A
R2217	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	TH-42PA50A
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2308,09	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	2	
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	
R2311	ERJ12YJ821	M 820 OHM,J, 1/2W	1	
R2312,13	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2314,15	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2320	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2321	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2322	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2323	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2324	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2325	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2326	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R2328	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2329	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2330	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2331	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2332	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2335	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2336	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R2337	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2339	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2342,43	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2344	ERJ3GEYJ913	M 91KOHM,J,1/16W	1	
R2345,46	ERJ3GEYJ563	M 56KOHM,J,1/16W	2	
R2377,78	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2381,82	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2394	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2395,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2397,98	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2414	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2437,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2444,45	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2448,49	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2450	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2451,52	ERJ6GEYJ510	M 51 OHM,J,1/10W	2	
R2453	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2460	ERJ6ENF1373	M 137KOHM, 1/10W	1	
R2461	ERJ6ENF1103	M 110KOHM, 1/10W	1	
R2464,65	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	
R2468,69	ERJ6GEYJ112	M 1.1KOHM,J,1/10W	2	
R2488,89	ERJ6GEYJ120	M 12 OHM,J,1/10W	2	
R2499	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2516	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2524	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2525	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R2526	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2542	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2545	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2550	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2553	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2557	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3001-10	ERJ6ENF75R0	M 75 OHM, 1/10W	10	
R3012	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3020	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3021,22	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3027	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3039	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3047	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3048	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3049-51	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R3053	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3054	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
R3054	ERJ3EKF4700	M 470 OHM, 1/16W	2	TH-42PA50A
R3055	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3064	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3065	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3067	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3069	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3071	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3074,75	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3086	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3087	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3089,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094,95	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3099-02	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3115-18	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R3119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3121	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3122	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3124	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3128	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3129	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3130	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	TH-42PA50H/M
R3131	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
R3132	ERJ3EKF5600	M 560 OHM, 1/16W	1	TH-42PA50H/M
R3133	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	TH-42PA50H/M
R3134	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3135	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3138	ERJ3EKF82R0	M 82 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3142	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3152,53	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R3158	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3159	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3164	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R3166,67	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3206	TAJAAH0101JV	M 100 OHM,J,1/16W	1	TH-42PA50H/M
R3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50A
R3213-22	ERJ3GEY0R00	M 0 OHM, 1/16W	10	
R3224-29	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3237	TAJAAH0101JV	M 100 OHM,J,1/16W	1	TH-42PA50H/M
R3238-45	ERJ3GEYJ103	M 10KOHM,J,1/16W	8	TH-42PA50H/M
R3246	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	TH-42PA50H/M
R3247	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
R3249	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	TH-42PA50H/M
R3250,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3252,53	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	TH-42PA50H/M
R3252	ERJ3GEY0R00	M 0 OHM, 1/16W	3	TH-42PA50A
R3254	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PA50H/M
R3255	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	TH-42PA50H/M
R3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
R3257	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	TH-42PA50H/M
R3258-64	ERJ3GEY0R00	M 0 OHM, 1/16W	7	TH-42PA50H/M
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3401-07	ERJ6GEY0R00	M 0 OHM, 1/10W	7	
R3408,09	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3750	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R3751	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3752	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3753	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3754	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R4001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4009	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4014	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4016,17	ERJ3EKF5760	M 576 OHM, 1/16W	2	
R4027	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4029,30	ERJ3EKF1581	M1.58KOHM, 1/10W	2	
R4031	ERJ3EKF4220	M 422 OHM, 1/10W	1	
R4033	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4035,36	ERJ3EKF3001	M 3KOHM, 1/16W	2	
R4037	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4039	ERJ3EKF4220	M 422 OHM, 1/10W	1	
R4041	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4043,44	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4045	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4046	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4047	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4049	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4050	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4051,52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4053	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4054	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4055	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4056,57	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4059	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4060	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4062	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4064	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4068	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4069-72	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R4075	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4076,77	EXB38V220J	RESISTOR ARRAY	2	
R4078	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4079-81	EXB38V220J	RESISTOR ARRAY	3	
R4082-84	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R4086-88	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4091-95	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4100	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4101	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4102	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4103	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4104	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R4106	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R4107-09	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4110	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4111	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4112	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4113	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4114	ERJ3GEYJ751	M 750 OHM,J,1/16W	1	
R4115	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R4117	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4120	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4123	ERJ6ENF5600	M 560 OHM, 1/10W	1	
R4125-27	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R4128	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4132	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4134-36	TAJAAH0680JV	M 68 OHM,J,1/16W	3	
R4137-39	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4140	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4143	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4144-46	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R4147-49	ERJ3GEYJ153	M 15KOHM,J,1/16W	3	
R4150	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4151,52	ERJ3EKF2200	M 220 OHM, 1/16W	2	
R4153	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R4155	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4157,58	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4159	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4160	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4161	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4163	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4165	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4167	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4169	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R4174,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4177	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4182	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4184	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4186	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4194-97	TAJAAH0680JV	M 68 OHM,J,1/16W	4	
R4199	ERJ3EKF1200	M 120 OHM, 1/16W	1	
R4203	ERJ3EKF1020	M 102 OHM, 1/16W	1	
R4204	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4207	ERJ3EKF1500	M 150 OHM, 1/16W	1	
R4208	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4209	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R4210	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4228	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4236-38	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4244	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4249	EXB38V680J	RESISTOR ARRAY	1	
R4253	EXB38V680J	RESISTOR ARRAY	1	
R4255	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4259	EXB38V680J	RESISTOR ARRAY	1	
R4301	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4303	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4305	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R4307	ERJ6GEYJ361	M 360 OHM,J,1/10W	1	
R4308,09	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R4315	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R4318,19	ERJ3EKF4700	M 470 OHM, 1/16W	2	
R4320,21	ERJ3EKF3601	M 3.6KOHM, 1/16W	2	
R4325	ERJ3EKF1331	M13.3KOHM, 1/16W	1	
R4326,27	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4328	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4329-31	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4332	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4333	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4334,35	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4336-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R4342-44	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4345	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4346-48	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4349	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4350	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4351-53	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4354	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4355-59	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4360	ERJ3GEYJ911	M 910 OHM,J,1/16W	1	
R4361,62	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4363	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4364,65	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4367	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4368,69	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R4370	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4372	D1HG5608A002	NETWORK RESISTER	1	
R4373,74	EXB38V560J	RESISTOR ARRAY	2	
R4379,80	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4381-83	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R4501	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4502	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4503	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R4504	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R4505	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4506	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4508,09	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4510-14	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4515,16	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4518,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4520,21	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4522	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R4523,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4526	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R4527	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R4528	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R4531,32	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R4533	ERJ3EKF9100	M 910 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4534,35	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4575,76	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4577,78	TAJAAH0680JV	M 68 OHM,J,1/16W	2	
R4583-03	TAJAAH0680JV	M 68 OHM,J,1/16W	21	
R4604-06	EXB38V680J	RESISTOR ARRAY	3	
R4609	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4610-13	TAJAAH0680JV	M 68 OHM,J,1/16W	4	
R4614-17	EXB2HV680J	RESISTOR ARRAY	4	
R4618	EXB38V680J	RESISTOR ARRAY	1	
R4619	EXB2HV680J	RESISTOR ARRAY	1	
R4620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4659	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4661	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R4662,63	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R4664	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4671	EXB38V680J	RESISTOR ARRAY	1	
R4672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4701,02	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4704,05	ERJ3EKF1741	M 17.4 OHM, 1/16W	2	
R4706-10	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4756-58	ERJ3GEYJ330	M 33 OHM,J,1/16W	3	
R4759	ERJ3GEYJ510	M 51 OHM,J,1/16W	1	
R4760	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4762	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4763	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4766	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4768	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4769	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R4802	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4805	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4807,08	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R4810	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4821-23	EXB38VR000	RESISTOR ARRAY	3	
R4834	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4851	ERJ3GEYJ821	M 820 OHM,J,1/16W	1	
R4884	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4887,88	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4897	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4898	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PA50H/M
R4920,21	J0JCC0000241	CHIP INDUCTOR	2	
R4922-26	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R4927	J0JCC0000241	CHIP INDUCTOR	1	
R4928-34	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R4936-42	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R4943	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4944,45	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R4946	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R4947	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R4948,49	ERJ3EKF3002	M 30KOHM, 1/16W	2	
R4950	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R4951	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4952	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R4954,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5601	ERJ6ENF4532	M4.53KOHM, 1/10W	1	
R5603	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R5605	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R5606	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5607	ERJ6ENF1871	M1.87KOHM, 1/10W	1	
R5609	ERJ6ENF1871	M1.87KOHM, 1/10W	1	
R5610	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1652	M16.5KOHM, 1/10W	1	
R5615,16	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R5617,18	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R5621	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5623,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R5625-27	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	3	
R5630	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5632	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5633	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5634	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5635	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5636	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5637,38	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5639	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5640	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5641	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5642	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5643	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R5644	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5645,46	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R5647	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5648	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R5649	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R5650	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5652	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5653-56	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R5657,58	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R5660	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5662	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5670	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5675	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5680	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5692	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5693	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R5694,95	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5696	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R5815	ERJ6ENF3900	M 390 OHM, 1/10W	1	
R5819	ERJ6ENF2941	M2.94KOHM, 1/10W	1	
R5820	ERX3FJSR22D	M 2.2 OHM, J, 3W	1	
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6011-16	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6019-22	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6034,35	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6041,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6049,50	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6061	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6062,63	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6088	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6090	ERJ14YJ181U	M 181 OHM, J,1/4W	1	
R6091	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6092	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6102	EXB38V470J	RESISTOR ARRAY	1	
R6104	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6105	EXB38V472J	RESISTOR ARRAY	1	
R6107	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6110	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6439,40	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6451	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6452	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6453	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J,1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M2.55KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERG3FNJS8R2E	M 8.2 OHM, J, 3W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6483	ERJ14YJ752	M 75KOHM, J,1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6491	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6492	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6493	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6495,96	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6524	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529-36	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6544-46	ERJ6GEYJ100	M 10 OHM,J,1/10W	3	
R6548	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6550	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6552,53	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6594	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6595	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6598	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611-14	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6635-38	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6641,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6643,44	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6649	EXB38V680J	RESISTOR ARRAY	1	
R6653	EXB38V680J	RESISTOR ARRAY	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	EXB38V472J	RESISTOR ARRAY	1	
R6664	EXB38V470J	RESISTOR ARRAY	1	
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	EXB38V472J	RESISTOR ARRAY	1	
R6670	EXB38V470J	RESISTOR ARRAY	1	
R6675	EXB38V472J	RESISTOR ARRAY	1	
R6676	EXB38V470J	RESISTOR ARRAY	1	
R6683	EXB38V470J	RESISTOR ARRAY	1	
R6686	EXB38V472J	RESISTOR ARRAY	1	
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7105	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7108	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7121	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7132-35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142,43	EXB38V470J	RESISTOR ARRAY	2	
R7148	EXB38V470J	RESISTOR ARRAY	1	
R7154	EXB38V470J	RESISTOR ARRAY	1	
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7172-74	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7194	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7196	EXB38V470J	RESISTOR ARRAY	1	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7204,05	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7208,09	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7212	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7213	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7218-21	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7222	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R7223	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V470J	RESISTOR ARRAY	2	
R7243-45	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7247	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7248	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7249,50	EXB38V470J	RESISTOR ARRAY	2	
R7251-53	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7254,55	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7257,58	EXB38V470J	RESISTOR ARRAY	2	
R7259	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7261,62	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7283	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7289,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7296	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R7297	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9002	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9004-06	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9007	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9009	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9010	EXB2HV272JV	RESISTOR ARRAY	1	
R9012	EXB2HV272JV	RESISTOR ARRAY	1	
R9013	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9015-18	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9020,21	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9022	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9023	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9024	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9026	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9028	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9029,30	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9031,32	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9033,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9035,36	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9039	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9040	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9041	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9042	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9043,44	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9047-50	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9052	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9053	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9054,55	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9056,57	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9058,59	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9060-67	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9068-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R9073	EXB2HV470JV	RESISTOR ARRAY	1	
R9074	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9075	EXB2HV470JV	RESISTOR ARRAY	1	
R9076	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9077-79	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9080	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9081	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9082-89	TAJAAH0101JV	M 100 OHM,J,1/16W	8	
R9090	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9091,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9093	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9094	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9095-98	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9102-04	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9105	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107-09	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9110	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9111,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9113	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9114-16	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9117,18	EXB38VR000	RESISTOR ARRAY	2	
R9119	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9120,21	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9122-24	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9125,26	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9127,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9130	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134-36	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9137	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9140-42	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9145-47	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9160,61	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9162,63	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9164,65	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9200-02	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9204	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9205	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9208	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9210	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9212	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9300-04	D1HG33080001	NETWORK RESISTER	5	
R9305	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9306,07	D1HG33080001	NETWORK RESISTER	2	
R9308	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9309	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9313-16	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9318,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9321	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9322	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9323	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9324-28	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9329	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9330-33	ERJ3GEY0R00	M 0 OHM, 1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9335,36	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9337	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R9338	ERJ6ENF1401	M 1.4KOHM, 1/10W	1	
R9339-42	ERJ6ENF1001	M 1KOHM, 1/10W	4	
R9500-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9505-10	TAJAAH0101JV	M 100 OHM,J,1/16W	6	
R9511	EXB2HV272JV	RESISTOR ARRAY	1	
R9512	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9513	EXB2HV272JV	RESISTOR ARRAY	1	
R9515	EXB2HV272JV	RESISTOR ARRAY	1	
R9516,17	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9518	EXB2HV470JV	RESISTOR ARRAY	1	
R9519-21	EXB38V470J	RESISTOR ARRAY	3	
R9522,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9524-26	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9527	EXB38V470J	RESISTOR ARRAY	1	
R9528,29	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9531	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9533,34	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9536	TAJAAH0680JV	M 68 OHM,J,1/16W	1	
R9537,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9540	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9544	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9547	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9700	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9702-04	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9706,07	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9708	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9709	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9714	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9716,17	ERJL14KJ33M	M 33 OHM, J,1/4W	2	
R9718	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9719	ERJ6ENF1742	M17.4KOHM, 1/10W	1	
R9720	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
R9721	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9722,23	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9724	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9725	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9726,27	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9728,29	ERJ6ENF2002	M 20KOHM, 1/10W	2	
R9738,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9740-42	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R9824	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9830	EXB2HV470JV	RESISTOR ARRAY	1	
R9900	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9901	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9902	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9904	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9905	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9906	EXB2HV470JV	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9908,09	EXB38V470J	RESISTOR ARRAY	2	
R9910,11	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9912	EXB2HV470JV	RESISTOR ARRAY	1	
R9913	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9914	EXB38V470J	RESISTOR ARRAY	1	
R9915,16	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9917-19	EXB2HV470JV	RESISTOR ARRAY	3	
R9922	EXB2HV470JV	RESISTOR ARRAY	1	
R9923	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2510	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA3523AE	CIRCUIT BOARD H	1	TH-42PA50H/M ⚠
RTL	TNPA3523AF	CIRCUIT BOARD H	1	TH-42PA50A ⚠
RTL	TNPA3621AE	CIRCUIT BOARD Z	1	⚠
RTL	TNPA3519AL	CIRCUIT BOARD DG	1	TH-42PA50A ⚠
RTL	TNPA3519AK	CIRCUIT BOARD DG	1	TH-42PA50H ⚠
RTL	TZTNP01YFSM	CIRCUIT BOARD DG	1	TH-42PA50M ⚠
RTL	TNPA3620AB	CIRCUIT BOARD PA	1	⚠
RTL	TNPA3686	CIRCUIT BOARD TA	1	TH-42PA50A ⚠
RTL	TNPA3524	CIRCUIT BOARD TB	1	TH-42PA50H/M ⚠
RTL	TNPA3545	CIRCUIT BOARD C1	1	⚠
RTL	TNPA3546	CIRCUIT BOARD C2	1	⚠
RTL	TZTNP010YFS	CIRCUIT BOARD D	1	TH-42PA50H/M ⚠
RTL	TZTNP010YFS	CIRCUIT BOARD D	1	TH-42PA50A ⚠
RTL	TNPA3570	CIRCUIT BOARD P	1	⚠
RTL	TNPA3643AB	CIRCUIT BOARD PB	1	⚠
RTL	TNPA3543	CIRCUIT BOARD SC	1	⚠
RTL	TNPA3243	CIRCUIT BOARD SD	1	⚠
RTL	TNPA3544	CIRCUIT BOARD SS	1	⚠
RTL	TNPA3242	CIRCUIT BOARD SU	1	⚠
RTL	TXN/K1YFSA	CIRCUIT BOARD K	1	⚠
RTL	TNPA3604AB	CIRCUIT BOARD S	1	⚠
S1	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA05AA0192	5P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3751-55	EVQ11G05R	SWITCH	5	
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	TH-42PA50A
TA6	K1KB09B00019	9P CONNECTOR	1	TH-42PA50A
TB5,B6	K1KB15B00013	15P CONNECTOR	2	TH-42PA50H/M
TU001	ENGF9301GF	TUNER	1	TH-42PA50H/M ⚠
TU001	ENG37A12GF	TUNER	1	TH-42PA50A ⚠
TU002	ENG39A01GF	TUNER	1	TH-42PA50H/M ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X1101	H0J600400006	CRYSTAL	1	
X2101	TSSA128	CRYSTAL	1	
X2102	EFCS6504BF	CERAMIC FILTER	1	TH-42PA50A
X2103	EFCS7004BF	CERAMIC FILTER	1	TH-42PA50A
X4001	H0J202500016	CRYSTAL	1	
X4002	H0J270500087	CRYSTAL	1	
X9000	H2D2705A0004	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
Z2	K1KA05AA0192	5P CONNECTOR	1	
Z50	K1MN35A00013	35P CONNECTOR	1	
ZA5601-04	K9ZZ00000424	CONNECTOR	4	
ZA5801-04	K9ZZ00000424	CONNECTOR	4	
ZA6001-04	K4CD01000013	TERMINAL	4	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101,02	K4CD01000013	TERMINAL	2	
ZA7104	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7203,04	K4CD01000013	TERMINAL	2	
ZA9001	K4CD01000013	TERMINAL	1	
ZMM1	TMM25401	CLAMPER	1	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	⚠
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C405	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C407	ECA2WHG220	E 22UF, 450V	1	
C409	F0CAF105A021	C 1UF, 250V	1	
C410	ECJ3YB1E105K	C 1UF, K, 25V	1	⚠
C411-14	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C415,16	F1A3A102A040	C 1000PF, J, 1KV	2	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	F1A3A102A040	C 1000PF, J, 1KV	1	
C421,22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	F1A3A102A040	C 1000PF, J, 1KV	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429,30	F1K2J1530002	C 0.15PF, J,630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432-34	F1J1C1050011	C 1UF, Z, 50V	3	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J,630V	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	⚠
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C471	F1J1C1050011	C 1UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C473	ECKCNA221KB7	C 220PF, M,	1	⚠
C476	ECKCNA221KB7	C 220PF, M,	1	⚠
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C490	ECJ2XC1H331J	C 330PF, J, 50V	1	
C491	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C492	ECJ2XC1H271J	C 270PF, J, 50V	1	
C493	ECA1EM101	E 100UF, 25V	1	
C494,95	ECJ2XC1H101J	C 100PF, J, 50V	2	
C496	F1J1C1050011	C 1UF, Z, 50V	1	
C497	ECA1EM221	E 220UF, 25V	1	
C498	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501-03	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C509	ECA1EM101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECA1EM331	E 330UF, 25V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	ECA1CM222	E 2200UF, 16V	1	
C516	ECJ2XB1C474K	C 0.47UF, K, 16V	1	
C517	F2D1E1010001	E 10UF, 25V	1	
C518,19	F1J1C1050011	C 1UF, Z, 50V	2	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C525	F2A1E8210012	E 820UF, 25V	1	
C526	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C551-53	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	ECA2AM101	E 100UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C562	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C572	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	ECA2AM330	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C591,92	F1K2J1530002	C 0.15PF, J,630V	2	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604,05	F2A2C1510004	E 150UF, 160V	2	
C606,07	F1J1C1050011	C 1UF, Z, 50V	2	
C608,09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ3YB1E105K	C 1UF, K, 25V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C631	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C633	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C636	F1J1C1050011	C 1UF, Z, 50V	1	
C637	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C646,47	ECJ2XC1H331J	C 330PF, J, 50V	2	
D401	B0FBAT000006	DIODE	1	
D402	MA4240MTA	ZENER DIODE	1	
D403	MA4051NM	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D406	MA4200M	ZENER DIODE	1	
D407	MA188	DIODE	1	
D410	MA111	DIODE	1	
D411	B0BB17000010	DIODE	1	
D412-14	MA111	DIODE	3	
D415	B0JAME000081	DIODE	1	
D417	RU30A	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D427-29	ERA15-10	DIODE	3	
D431	B0JCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	MA188	DIODE	1	
D437	MA4082M	ZENER DIODE	1	
D438	MA4150M	ZENER DIODE	1	
D439	MA4130HTA	ZENER DIODE	1	
D440	MA4300M	ZENER DIODE	1	
D441	B0HAMM000122	DIODE	1	
D442	MA4075M	ZENER DIODE	1	
D443	MA4240MTA	ZENER DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA165	DIODE	1	
D459	MA188	DIODE	1	
D461	MA4082M	ZENER DIODE	1	
D462	MA142WKTX	ZENER DIODE	1	
D463-67	ERA15-10	DIODE	5	
D501	B0HANR000016	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000081	DIODE	1	
D506	MA4051NM	ZENER DIODE	1	
D507,08	MA4150M	ZENER DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	B0HBSM000043	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D521	B0HAMP000067	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531,32	B0HAPR000012	DIODE	2	
D534	B0JBSG000026	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSL000013	DIODE	1	
D538	MA3051M	ZENER DIODE	1	
D539	B0HBRP000007	DIODE	1	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	
D549	MA4075M	ZENER DIODE	1	
D551	MA4130M	ZENER DIODE	1	
D552	MA4082M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA4062M	ZENER DIODE	1	
D564	MAZ72000AF	ZENER DIODE	1	
D565	MA4160M	ZENER DIODE	1	
D566	B0HAMM000122	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569-71	MA4300M	ZENER DIODE	3	
D572	MA188	DIODE	1	
D574	MA111	DIODE	1	
D575	MA188	DIODE	1	
D579	MA111	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
IC401	CNC1S171R	IC	1	⚠
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	⚠
IC406	C0DAZZZ00021	IC	1	
IC407	C0DBAZZ00111	IC	1	
IC408,09	CNC1S171R	IC	2	⚠
IC411	C0BBAA000038	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDD000064	IC	1	
IC502	C0EBH0000190	IC	1	
IC503,04	C0DAEMB00004	IC	2	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBABE00023	IC	1	
IC509	C0DABZZ00010	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	C9ZB00000496	IC	1	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00003	INDUCTION COIL	2	⚠
L501	EXCELSA35	BEAD CHOKE	1	
L502	TALL08N102JA	INDUCTION COIL	1	
L506	EXCELDR25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	
L510	EXCELDR25C	BEAD CHOKE	1	
P2	K1KA06AA0479	6P CONNECTOR	1	
P5	K1KA11AA0183	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06AA0182	6P CONNECTOR	1	
P11	K1KA07AA0192	7P CONNECTOR	1	
P12	K1KA05AA0192	5P CONNECTOR	1	
P23	K1KA03AA0182	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
P30	K1KA05AA0182	5P CONNECTOR	1	
PR401	K5Y502BA0001	FUSE	1	
PR402	K5G202B00015	FUSE	1	
PR501	K5H502Z00003	FUSE	1	
PR503	K5H502Z00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q002,03	2SB709A	TRANSISTOR	2	TH-42PA50A
Q401	B1CHND000004	TRANSISTOR	1	
Q403	B1CBGD000001	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601	TRANSISTOR	1	
Q408,09	B1CHND000004	TRANSISTOR	2	
Q412,13	B1DAGQ000013	TRANSISTOR	2	
Q414	B1ABCF000134	TRANSISTOR	1	
Q415	2SB1218ARL	TRANSISTOR	1	
Q417	B1CHND000004	TRANSISTOR	1	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q423,24	B1CBGD000001	TRANSISTOR	2	
Q430	B1CEJQ000002	TRANSISTOR	1	
Q431	B1DEGS000001	TRANSISTOR	1	
Q432	B1CEJQ000002	TRANSISTOR	1	
Q433	B1CBGD000001	TRANSISTOR	1	
Q434	B1CEJQ000002	TRANSISTOR	1	
Q435	B1CBGD000001	TRANSISTOR	1	
Q436	B1CEJQ000002	TRANSISTOR	1	
Q438	B1CBGD000001	TRANSISTOR	1	
Q439	B1CHND000004	TRANSISTOR	1	
Q440,41	2SD1819A	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	XN0440100L	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	B1CHND000004	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	XN0450100L	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	B1DHBD000004	TRANSISTOR	1	
Q511	B1CFND000005	TRANSISTOR	1	
Q512	B1CBGD000001	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HFCFA00021	TRANSISTOR	1	
Q518	B1DEHL000018	TRANSISTOR	1	
Q519	B1DEHF000002	TRANSISTOR	1	
Q520	B1HFCFA00021	TRANSISTOR	1	
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	
Q530	B1CBGD000001	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q541	B1CBGD000001	TRANSISTOR	1	
Q544	XN0440100L	TRANSISTOR	1	
Q550	B1CHGD000006	TRANSISTOR	1	
Q551,52	B1CBGD000001	TRANSISTOR	2	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHBD000004	TRANSISTOR	1	
Q557	2SD1819A	TRANSISTOR	1	
Q558	B1CHHG000002	TRANSISTOR	1	
Q559	2SD1819A	TRANSISTOR	1	
Q560	B1CHHG000002	TRANSISTOR	1	
Q561,62	2SD1819A	TRANSISTOR	2	
Q564,65	2SD1819A	TRANSISTOR	2	
Q567	B1CBGD000001	TRANSISTOR	1	
R401	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R402	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R403	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R405	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R410,11	D1F5100E0002	F 3.3 OHM, 5W	2	⚠
R412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R413	D1F5100E0002	F 3.3 OHM, 5W	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ8GEYJ181	M 180 OHM, J,1/8W	1	
R423	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R435	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R445	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R446	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R447	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R448,49	D0XGR10JA007	RESISTOR ARRAY	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R456,57	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R466,67	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R470	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R471	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R474	ERG1SJ104P	M 100KOHM, J, 1W	1	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R479	ERG1SJ104P	M 100KOHM, J, 1W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R481	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R485	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R486,87	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R488	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R489	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R524	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 3.3KOHM,F,1/10W	1	
R531	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R532	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J,1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J,1/8W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6RBD1002	M 1.0KOHM, 1/10W	1	
R540	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R541	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R543	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546,47	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R548	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R549	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R550	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R551	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R552	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R553	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R554	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ8GEYJ471	M 470 OHM, J,1/8W	1	
R558	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R559	ERJ6RBD4702	M 47KOHM, 1/10W	1	
R560	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	
R562	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R565	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R566	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R567	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R568,69	ERG2SJ181	M 180 OHM, J, 2W	2	
R570	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R571	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586,87	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R599,00	ERJ8GEYJ391	M 390 OHM, J,1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R604	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R634	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R640	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQFR68	M 0.68OHM, J,1/8W	3	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R654	ERJ8GEYJ101	M 100 OHM, J,1/8W	1	
R655	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMAASA00B14	CONTROL 10KOHMB	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R681	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R684	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R690	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692,93	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R695	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R698	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R702	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R703,04	ERG2SJ101	M 100 OHM, J, 2W	2	
R706	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R707	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R708	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R712	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R901	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R903-06	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R907	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R908	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R909-11	ERJ6GEYJ106	M 10MOHM,J,1/10W	3	
R912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R913,14	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R916	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R917	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R920	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R921	ERJ6RBD3092	M30.9KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R925	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R926,27	ERG2DJW224E	M 220KOHM, J, 2W	2	
R928-31	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R932	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
RL402	TSEH8011	RELAY	1	⚠
RL403	TSE10801	RELAY	1	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000107	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	G4D4A0000109	SWITCHING TRANSFORMER	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	G4D2A0000229	SWITCHING TRANSFORMER	1	⚠
T601	G4D2A0000227	SWITCHING TRANSFORMER	1	
W2	ERDS2TJ391	C 390 OHM, J,1/4W	1	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMM7443-3	CLAMPER	1	
Z413	TMM7464-2	CLAMPER	1	
Z414	TMME190	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401,02	D4EAD6210001	VARISTOR	2	⚠
ZN403	D4EA8511A001	VARISTOR	1	⚠
ZN404	D4EAB681A011	VARISTOR	1	⚠